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
Developing and Evaluating Techniques for Controlling Feral Cats
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
Collaborative Effort: Aquaculture and Livestock
Steiner, William College of Agriculture, Forestry-UHH
Examine the feasibility of developing specific goat breeds and hybrid Australian Milling Zebu cattle (Phase I)

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

DHHS-Dept of Health and Human Services

Health & HumanSvc, Dept - NatlInst of Health (NIH)
Imaging Studies in Neurotoxicity and Neurodevelopment
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 & HumanSvc, Dept - NatlInst of Health (NIH)
Intraspecies Transmission and Infectivity of Insectivore-Borne Hantaviruses
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 & HumanSvc, Dept - NatlInst of Health (NIH)
CancerResearch Center of Hawaii
Carbone, Michele Cancer Research Center
Assess current informatics systems at CRCH and develop an implementation plan for adopting in the three caBIG software bundles.
## Gifts, Grants, and Contracts for October 2009

### Research

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

<table>
<thead>
<tr>
<th>Institute</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Guam/Cancer Research Center of Hawaii Partnership</td>
<td>$624,314</td>
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<tr>
<td>Vogel, Carl-Wilhelm Cancer Research Center</td>
<td></td>
</tr>
<tr>
<td>Cancer research, training, education and outreach in partnership with the University of Guam.</td>
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</tr>
</tbody>
</table>

| Health & Human Svc, Dept/NIH - Natl Cancer Institute                     | $469,960 |
| Characterizing Mitochondrial DNA Susceptibility to Breast, Colorectal and Prostate Cancers |          |
| 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 for breast, prostate or colorectal cancer. |          |

| Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst            | $204,697 |
| Clinical Center for the Clinical Trial and Observational Study of the Women's Health Initiative - East/West |          |
| 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 |
| Clinical Center for the Clinical Trial and Observational Study of the Women's Health Initiative - East/West |          |
| 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   |
| Native Hawaiian Community Health Issues Surrounding Genetic and/or Genomic Research |          |
| 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 Neurological Disordr & Stroke| $34,000   |
| Emotion and Cognition on Gene, Cell and Systems Levels                  |          |
| 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   |
| Hawaii Family Study of Cognition Surveillance Feasibility Study         |          |
| 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. |          |
Gifts, Grants, and Contracts for October 2009

Research

**DOC-Dept of Commerce**

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) $46,000

*How Many Have Been Lost? Using Ancient DNA to Develop Baselines for Coral Reef Conservation and Management*

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**

*Genetic Analyses of the Hawaiian Monk Seal*

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**

*Genetic Analyses of the Hawaiian Monk Seal*

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**

*Development of a Pilot Project to Provide High Resolution Climate and Information Services to Farmers (Kona Coffee Growers Association)*

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**

*Operations and Management of the Maui Supercomputing Center*

Lassner, David K  
Information Technology Services

Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

**Defense, Dept - Air Force $527,040**

*Operations and Management of the Maui High Performance Computing Center*

Lassner, David K  
Information Technology Services

Cost reimbursement award term contract for research development, operations and management of the Maui High Performance Computing Center.

**Defense, Dept - Air Force $7,839,511**

*Operations and Management of the Maui High Performance Computing Center*

Lassner, David K  
Information Technology Services

Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.
Gifts, Grants, and Contracts for October 2009

Research

DOD-Department of Defense

Defense, Dept - Air Force

Operations and Management of the Maui High Performance Computing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

Defense, Dept - Air Force

Operations and Management of the Maui Supercomputing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

Defense, Dept - Office of Naval Research

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

Multiple Approaches for Testing Novel Coatings in the Laboratory and in Pearl Harbor, Hawaii. Investigations at the Microbial and Macrofouler Levels
Hadfield, Michael G Pacific Biosciences Research Center
Testing of fouling organisms on experimental marine coatings.

DOE-Dept of Energy

Energy, Dept - FED

Hawaii-New Mexico Sustainable Energy Security Partnership, Phase 4
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

Hawaii-New Mexico Sustainable Energy Security Partnership, Phase 4
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

Development of Catalytic Alkylation and Fluoroalkylation Methods
Vicic, David Department of Chemistry
To develop energy efficient methods for alkylation and fluoroalkylation.
Gifts, Grants, and Contracts for October 2009

Research

DOI-Dept of Interior

Interior, Dept - National Park Service $320,791
Experimental Removal of Selected Invasive Plants from Big Island Parks
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
Developing and Evaluating Techniques to Restore Native Hawaiian Plant Communities Threatened by Invasive Plants
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
Monitor and Protect Newly Discovered Hawksbill Turtle Nesting Beaches
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
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 $17,000
Fire Restoration Ecology Study in Lowland Grasslands
Daehler, Curtis C Department of Botany
Document fire effects on the lowland pili (Heteropogon contortus) grassland community in Hawaii Volcanoes National Park.

Interior, Dept - National Park Service $19,000
Striped Mullet in Hawaii
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
Land Development Process Monitoring and Trail Management Planning for NPS
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.
Gifts, Grants, and Contracts for October 2009

Research

Federal Agencies

Environmental Protection Agency
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
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
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
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
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.
Gifts, Grants, and Contracts for October 2009

Research

Hawaii- Business and Other

Hawaii Council for the Humanities
Talking Story About Language: Materials Development for Two Films on Hawai'i Creole
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
Oceanit Observation Services
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.
Modeling and Simulation of an Ocean WEC Device for Sensor Applications - Phase II
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
Data Collection and Analysis of Substance Abuse Prevention Services
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
Hair Analysis for Mercury and Arsenic Exposure
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
Evaluation of Hawaii Gatekeeper Training Initiative
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
Hawaii Demonstration to Maintain Independence and Employment
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.
Gifts, Grants, and Contracts for October 2009

Research

Hawaii- Government Agencies

Land & Natural Res, Dept - Div of Aquatic Resources-HI  
Characterization of the Fishery for Bonefish `o`io (Albula spp.) Around Oahu  
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  
Control of Arboreal Little Fire Ants (Wasmannia auropunctata) in Hawaiian Agricultural Systems  
Duffy, David  
Department of Botany  
Experiment with ant baits to control Little Fire Ants at UH Experimental Farm in Waiakea.

Land & Natural Res, Dept - HI  
GIS Research on State Forest Lands  
Duffy, David  
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  
Invasive Species Committee ARRA Support  
Duffy, David  
Department of Botany  
Conduct surveys and control of invasive plants statewide and collect data into a statewide geospatial database.

Land & Natural Res, Dept - HI  
Development of Herbicide Ballistic Technology as an Effective Incipient Weed Mitigation Tool  
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  
Threatened and Endangered Species Recovery: Kauai  
Duffy, David  
Department of Botany  
Conduct applied field research to promote recovery of Kauai's threatened and endangered plants.

Land & Natural Res, Dept - HI  
Kawainui Marsh Alien Species Removal  
Duffy, David  
Department of Botany  
Conduct habitat restoration work for endangered water birds in Kawainui marsh.

Transportation, Dept - HI  
Evaluation of the New SRICOS-EFA Method for Predicting Scour in Hawaiian Rivers  
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.
Gifts, Grants, and Contracts for October 2009

Research

Hawaii- Health Organizations

Kuakini Medical Center
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.

$136,599

Hawaii- Non-Profit Organizations

Hawaii Alliance for Arts Education
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.

$117,500

Hui Malama i ke Kai Foundation
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.

$16,256

Mainland- Business and Other

AmericaView
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.

$17,364

Intellisis Corporation
Feasibility Analysis and Experimentation on Utilizing Intellisis' 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 Intellisis Brain Based Mission Manager with the UHM's unique unmanned underwater vehicle capabilities for developing solutions for the detection of underwater unexploded ordinances

$50,000

Mainland- Health Organizations

American Institute for Cancer Research
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.

$165,000
Gifts, Grants, and Contracts for October 2009

Research

Mainland- Health Organizations

Riverside Research Institute

**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

**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

**US Near-Earth Object Surveillance Satellite Science Team Support**

Granvik, Mikael Institute for Astronomy


TRUE Research Foundation

**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

**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

**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

**IPA for Peter Hacker**

Hacker, Peter W Hawaii Institute of Geophysics and Planetology

Collaborate with NASA colleagues on earth and space sciences
Gifts, Grants, and Contracts for October 2009

Research

National Science Foundation

National Science Foundation
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
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
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
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
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
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
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.
Gifts, Grants, and Contracts for October 2009

Research

US Colleges and Universities

Case Western Reserve University
- Role of Mitochondria in HIV Lipoatrophy
  Gerschenson, Mariana  John A. Burns School of Medicine
  Perform laboratory assays on samples submitted by Case Western.
  
  $15,160

Case Western Reserve University
- Metabolic Consequences of Thymidine Sparing Regimens
  Gerschenson, Mariana  John A. Burns School of Medicine
  Perform laboratory assays on samples submitted by Case Western.
  
  $10,862

Cornell University
- Stardust-NExT Project
  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.
  
  $75,755

Harvard University
- Networking Research Resources Across America
  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.
  
  $305,178

Mississippi, University of
- Nuclear Arms Control Technology Program (NACT): Project Coordination for Sayarim Experiment
  Garces, Milton A  Hawaii Institute of Geophysics and Planerology
  Develop portable infrasound array and analyze data.
  
  $36,587

Purdue University
- Natural Inhibitors of Carcinogenesis 2010
  Pezzuto, John  College of Pharmacy-UHH
  Investigate effects on subcellular translocation and suppressing carcinogenesis
  
  $89,906

Southern California, University of
- Characterizing Genetic Susceptibility to Breast and Prostate Cancer; the BPC3
  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.
  
  $117,820

Utah, University of
- Novel Inhibitors of Metastasis
  Kuwada, Scott  Department of Medicine
  This research is intended to develop a class of NF-kB inhibitors that will prevent the metastasis (spread) of cancer cells in humans.
  
  $661,970

Subcount: 84  Subtotal: $26,374,656
Gifts, Grants, and Contracts for October 2009

Non-Research

DA-Dept of Agriculture

Agriculture, Dept - Coop State Rsch, Ed, & Ext Svc (CSREES)-FED

Molokai Native Hawaiian Beginning Farmer Program

$508,618

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

A Risk Management Training Program for Underserved Southeast Asian Growers of Hawaii

$197,000

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

Crop Insurance Education for Hawaii's Producers 2008-2010

$232,972

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

Hawaii Emergency Transition One Stop

$100,000

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)

Model State-Supported Area Health Education Center

$743,488

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

Cancer Information Service

$115,662

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

Pacific Education and Research for Leadership in Science (PEARLS) - Administrative Supplement for Science Education

$188,708

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)  
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)  
Cultural Research Expedition to Mokumanamana Island in the Papahanaumoku 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  
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  
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  
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  
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

Hui a’o mua, The Cooperative for Early Learning: An Early Reading First Project
DeBaryshe, Barbara D Center on the Family
To provide professional development to Head Start classrooms to improve the quality of curriculum and instruction.

Improving Teacher Quality Grants (2010) - SAHES
Sorensen, Christine College of Education
Administer grant competition within Hawaii for higher education projects to improve teacher quality.

Student Support Services Program, fy 09
Johnson, Melissa Vice Chancellor for Student Affairs-UHH

Leeward Community College - Upward Bound Math/Science; 2007-2012

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.

Strengthening Rehabilitation Counselor Ed. in a Global Networked Environment
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.

Ha'akumalae
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.

Improving Engagement and Retention Among Underprepared Students
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

Maintenance, Support, and Promotion of Cross Current Website  
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

Collaboration for Peace Corps Recruiting Activities at the University of Hawaii Campuses  
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

Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract from Guam DPHSS)  
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

Native Hawaiian Career and Technical Education Project, PY 2009-10  
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

Native Hawaiian Digital Arts Project  
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

ECH 7  
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

Kauai Invasive Species Committee Coqui Frog Eradication  
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

 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

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

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

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


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

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
UH-CTAHR Extension and Research Projects in Maui County FY2010
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
Na Pua Noeau 2010
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
Aha Opio Alakai 2010
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
Psychiatrist for Part-Time Service at the Department of Health, Child/Adolescent Mental Health Division Family Court Liaison Branch
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
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.

Human Services, Dept - HI $141,480
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.

Land & Natural Res, Dept - HI $11,658
State Park Resource Management Rangers
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
Volcano Rare Plant Facility (09)
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

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

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)

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)

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

Waianae Health Academy--Ola Loa Ka Naauao
Ringguette, 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

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

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

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

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

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

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 Asian Archeologist) and Christian Peterson, (Assistant Professor 1.00 FTE Asian Archaeologist).

University of Hawaii Foundation

Intersections Visiting Artist

Hamilton, Jaimey E  
Department of Art and Art History

Funds to pay Intersections visiting artist.

University of Hawaii Foundation

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. Maureen Shannon who was appointed Matsuda Sano Chair.

University of Hawaii Foundation

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.
Gifts, Grants, and Contracts for October 2009

Non-Research

Mainland- Business and Other

Institute of Soul Healing & Enlightenment $89,312
  Evaluation & Development of Teacher Training for Institute of Soul Healing & Enlightenment (ISHE)
  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
  HWP Vocabulary Development
  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
  Hawaii ACT Early Autism Team: Community Awareness and Autism
  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
  Tie-off Grant for Training and Education on Livable Cities in Vietnam
  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
  FY09 Earmark Request for Proposal (RFP)
  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
  EAGER: Creating and Evaluating a Makery Cloud
  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

<table>
<thead>
<tr>
<th>Institution</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston University</td>
<td>$18,000</td>
</tr>
<tr>
<td>Boston University Photonics Center</td>
<td></td>
</tr>
<tr>
<td>Hoffman, Mark G</td>
<td></td>
</tr>
<tr>
<td>Chancellor, Maui Community College</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Institution</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colorado, University of</td>
<td>$23,334</td>
</tr>
<tr>
<td>Native Elder Research Center Fellowship Program</td>
<td></td>
</tr>
<tr>
<td>Sinclair, Kaimi</td>
<td></td>
</tr>
<tr>
<td>Department of Native Hawaiian Health</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Subcount:</th>
<th>63</th>
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<tbody>
<tr>
<td>Count:</td>
<td>147</td>
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<tr>
<td>Subtotal:</td>
<td>$14,764,549</td>
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<tr>
<td>Total:</td>
<td>$41,139,205</td>
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</tbody>
</table>
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: 7 Total: $219,344
Extramural Research Awards
for the Month of
October 2009
Distribution by Sponsors

<table>
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<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>4</td>
<td>444,951</td>
<td>1.69%</td>
</tr>
<tr>
<td>DHHS-Dept of Health and Human Services</td>
<td>10</td>
<td>4,604,562</td>
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<tr>
<td>DOC-Dept of Commerce</td>
<td>4</td>
<td>69,202</td>
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<tr>
<td>DOD-Department of Defense</td>
<td>7</td>
<td>8,652,892</td>
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<tr>
<td>DOE-Dept of Energy</td>
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<td>3,566,202</td>
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<tr>
<td>DOI-Dept of Interior</td>
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<tr>
<td>Federal Agencies</td>
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<tr>
<td>Hawaii- Business and Other</td>
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<tr>
<td>Hawaii- Government Agencies</td>
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<tr>
<td>Hawaii- Health Organizations</td>
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<td>136,599</td>
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<tr>
<td>Hawaii- Non-Profit Organizations</td>
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<td>133,756</td>
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<tr>
<td>Mainland- Business and Other</td>
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<tr>
<td>Mainland- Health Organizations</td>
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<tr>
<td>Mainland- Non-Profit Organizations</td>
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<tr>
<td>National Aeronautics and Space Admin.</td>
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<td>460,938</td>
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<tr>
<td>National Science Foundation</td>
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<tr>
<td>US Colleges and Universities</td>
<td>12</td>
<td>1,510,036</td>
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<td><strong>84</strong></td>
<td><strong>26,374,656</strong></td>
<td><strong>100%</strong></td>
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### Extramural Non-Research Awards for the Month of October 2009
#### Distribution by Sponsors

<table>
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<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
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<td>DHHS-Dept of Health and Human Services</td>
<td>4</td>
<td>$1,147,858</td>
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<td>DOC-Dept of Commerce</td>
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<td>ED-Dept of Education</td>
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<td>Hawaii- Health Organizations</td>
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<td>Hawaii- Non-Profit Organizations</td>
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<tr>
<td>Mainland- Business and Other</td>
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<td>$94,312</td>
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<tr>
<td>Mainland- Non-Profit Organizations</td>
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<td>$303,000</td>
<td>2.05%</td>
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<tr>
<td>National Aeronautics and Space Administration</td>
<td>1</td>
<td>$2,000,000</td>
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<tr>
<td>National Science Foundation</td>
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<td>$176,352</td>
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<td>US Colleges and Universities</td>
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<td>$41,334</td>
<td>0.28%</td>
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**Total:** 63 $14,764,549 100%
### Extramural Research Awards

**Year to Date: 07/01/09 - 10/31/09**

**Distribution by Sponsors**

<table>
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<th>AGENCY-UNIT</th>
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<td>DOI-Dept of Interior</td>
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</tr>
<tr>
<td>Hawaii- Government Agencies</td>
<td>48</td>
<td>$7,440,615</td>
<td>5.70%</td>
</tr>
<tr>
<td>Hawaii- Health Organizations</td>
<td>6</td>
<td>$461,561</td>
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</tr>
<tr>
<td>Hawaii- Non-Profit Organizations</td>
<td>14</td>
<td>$816,643</td>
<td>0.63%</td>
</tr>
<tr>
<td>Mainland- Business and Other</td>
<td>20</td>
<td>$1,828,583</td>
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</tr>
<tr>
<td>Mainland- Health Organizations</td>
<td>7</td>
<td>$1,422,703</td>
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<td>13</td>
<td>$1,037,347</td>
<td>0.80%</td>
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<tr>
<td>National Aeronautics and Space Administration</td>
<td>34</td>
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<tr>
<td>National Science Foundation</td>
<td>63</td>
<td>$26,681,316</td>
<td>20.45%</td>
</tr>
<tr>
<td>US Colleges and Universities</td>
<td>35</td>
<td>$3,814,802</td>
<td>2.92%</td>
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</table>

**Total:** 509  
**$130,452,456  100%**

Note: YTD amounts include adjustments.
Extramural Non-Research Awards  
Year to Date: 07/01/09 - 10/31/09  
Distribution by Sponsors

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>11</td>
<td>$3,095,972</td>
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<tr>
<td>DHHS-Dept of Health and Human Services</td>
<td>33</td>
<td>$9,814,714</td>
<td>10.23%</td>
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<tr>
<td>DOC-Dept of Commerce</td>
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<td>$762,155</td>
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<tr>
<td>DOD-Department of Defense</td>
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<td>$175,560</td>
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<tr>
<td>DOI-Dept of Interior</td>
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<tr>
<td>ED-Dept of Education</td>
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<td>$31,319,011</td>
<td>32.65%</td>
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<tr>
<td>Federal Agencies</td>
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<tr>
<td>Hawaii- Dept of Education</td>
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<tr>
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<td>US Colleges and Universities</td>
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</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>347</strong></td>
<td><strong>$95,924,729</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Note: YTD amounts include adjustments.