

Gifts, Grants, and Contracts for September 2008

Research

DA-Dept of Agriculture

Department of Agriculture	\$350
<u>Support of Ag Research of Mutual Interest 2008-2</u>	
Norman Stahl	Vice Chancellor for Student Affairs-UHH
Department of Agriculture	\$64,000
<u>Support of Ag Research of Mutual Interest 2009</u>	
Norman Stahl	Vice Chancellor for Student Affairs-UHH
Department of Agriculture	\$2,050
<u>Support of Ag Research of Mutual Interest 2008</u>	
Norman Stahl	Vice Chancellor for Student Affairs-UHH
Department of Agriculture	\$61,383
<u>Prevention and Control of Invasive Termite Species in Hawaii and the American Pacific</u>	
Jack Kenneth Grace	Department of Plant and Environmental Protection Sciences
Monitor the distribution of invasive termites, assess and improve termite prevention and control techniques, and investigate termite behavioral ecology with respect to control methodology.	
Department of Agriculture	\$63,323
<u>Hawaii Pineapple Improvement</u>	
Douglas L Vincent	College of Tropical Agriculture and Human Resources
Utilize traditional breeding techniques and genetic engineering to develop horticulturally acceptable cultivars resistant to major disease, insects and nematodes of Hawaii's pineapple.	
Department of Agriculture	\$53,239
<u>Environmental Effects of Tephritid Fruit Fly Eradication and Control</u>	
Douglas L Vincent	College of Tropical Agriculture and Human Resources
Develop and evaluate non-toxic, environmentally suitable and publicly acceptable technologies and processes for fruit fly, insect pest mgt., and control to enhance Hawaii's competition in Hawaii agricultural products.	
Department of Agriculture	\$60,142
<u>Minor Crops Pest and Disease Control</u>	
Douglas L Vincent	College of Tropical Agriculture and Human Resources
Crop pests and diseases are critical limiting factors in the production of minor crops in Hawaii. Continued production of minor crops is dependent on the development of alternative technologies to control pests and diseases.	
Department of Agriculture	\$221,593
<u>Minor Crops Pest and Disease Control</u>	
Douglas L Vincent	College of Tropical Agriculture and Human Resources
Crop pests and diseases are critical limiting factors in the production of minor crops in Hawaii. Continued production of minor crops is dependent on the development of alternative technologies to control pests and diseases.	

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DA-Dept of Agriculture

Forest Service/Department of Agriculture \$60,254

The Potential for Restoration to Break the Grass/Fire Cycle in Dryland Ecosystems in Hawaii: Using Remotely Sensed Data to Guide and Understand Restoration of Dry Forest Ecosystem Process

Creighton Litton Department of Natural Resources and Environmental Management

1) Define the current condition & historical changes to tropical dry forest ecosystems in Hawaii, 2) develop technology for regional restoration planning & ecosystem monitoring, 3) quantify restoration potential & develop restoration prescriptions for remnant Hawaiian dry forests & shrublands, & 4) develop effective fuel and fire risk reduction measures.

Forest Service/Department of Agriculture \$9,995

Ecosystem Services in the Face of Global Climate Change

C H Fletcher Department of Geology and Geophysics

Collaborate with the U.S. Forestry Service on Pacific Island assessment and Ecosystems Services Short Course to accomplish mutual objectives of highlighting problems and solutions of coastal area management and adaptation in the face of global climate change.

DHHS-Dept of Health and Human Services

Centers for Disease Control and Prevention/DHHS \$95,000

Program to Assess Health Effects Associated with Exposures to Volcanic Emissions and Environmental Air Pollutants

Elizabeth K Tam Department of Medicine

Extend a community-based participatory research network to study the respiratory effects of volcanic air pollution in Hawaii Island schoolchildren.

National Cancer Institute/NIH/DHHS \$77,504

Role of Polyamines in MYCN-Amplified Neuroblastoma

Andre S. Bachmann Cancer Research Center

(none listed).

National Cancer Institute/NIH/DHHS \$1,440,371

Cancer Research Center of Hawaii

Carl-Wilhelm Vogel Cancer Research Center

Cancer Research Center of Hawaii support grant.

National Cancer Institute/NIH/DHHS \$100,000

Hawaii Minority-Based Clinical Community Oncology Program (#63844) (Administrative Supplement)

Jonathan Cho Cancer Research Center

If this supplemental funding is awarded, an additional clinical research associate will be hired to serve the neighbor islands of Hawaii, Maui and Kauai for oncology clinical trial screening and enrollment, trial treatment coordination with clinics and physicians, data management, and community outreach programs.

National Cancer Institute/NIH/DHHS \$1,643,478

Whole Genome Scan for Modifier Genes in Colorectal Cancer

Loic Le Marchand Cancer Research Center

To conduct a whole-genome association study of colorectal cancer in the Multiethnic study in order to identify susceptibility genes for this cancer.

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DHHS-Dept of Health and Human Services

National Institutes of Health/DHHS \$188,038

Oral Infection in the Pathogenesis of Gestational Diabetes

Lynnae K Millar Department of Obstetrics, Gynecology, and Women's Health

There are two primary goals of our research: The first goal is to develop the infrastructure and support necessary to run a longitudinal study of oral health during pregnancy. The second goal is to elucidate the association between periodontal disease, IGF1 (insulin-like growth factor 1), IGF2 and glycemic control in pregnant women of Asian of Pacific Islander ethnicity.

National Institutes of Health/DHHS \$74,526

Supplements fo caBIG™ Technology Assessment and Implementation Planning

Carl-Wilhelm Vogel Cancer Research Center

Assess current informatics systems at CRCH and develop an implementation plan for adopting in the three caBIG™ software bundles.

National Institutes of Health/DHHS \$585,788

Heart Failure Disparities in Native Hawaiians

Marjorie K H Mau Department of Native Hawaiian Health

This study is a 5-year project to develop and establish a Partnership Program addressing heart failure disparities among Native Hawaiians and Pacific Peoples by conducting hypothesis driven research and training investigators and researchers in the field of cardiovascular disease.

DOC-Dept of Commerce

DOC-Nat'l Marine Fisheries Service \$598,500

FISHERIES OCEANOGRAPHY: Protected Species Research Program

Thomas A Schroeder Joint Institute for Marine and Atmosperic Research

To conduct research on Pacific Islands area protected species populations, their ecology, and relationships to environmental and oceanographic parameters.

DOC-Nat'l Marine Fisheries Service \$3,355,165

Sustaining Healthy Coastal Ecosystems - JIMAR Coastal Research Program

Thomas A Schroeder Joint Institute for Marine and Atmosperic Research

This project will support multi-disciplinary efforts to assess, monitor, map restore, and protect coral reef ecosystems of the U.S.-affiliated Pacific Islands.

DOC-Nat'l Marine Fisheries Service \$730,205

Coral Reef Management Initiative

Thomas A Schroeder Joint Institute for Marine and Atmosperic Research

To establish an enhanced coral reef management presence in the Pacific and foster opportunities for cooperative research with the University of Hawaii.

DOC-Nat'l Marine Fisheries Service \$285,058

Marine Resource Dynamics Assessment Program (MARDAP): Economics of Fisheries Initiative

Thomas A Schroeder Joint Institute for Marine and Atmosperic Research

To support ongoing economic data collection programs and assess changes in key economic indicators in fisheries and other living marine resource utilizations in Hawaii and other Pacific Islands Area including American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands (CNMI).

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DOC-Dept of Commerce

National Oceanic & Atmospheric Administration/Department of Commerce	\$285,000
<u>Marine Resource Dynamics Assessment Program (MARDAP): Stock Assessment Research Program</u>	
Thomas A Schroeder	Joint Institute for Marine and Atmospheric Research
To assess (1) the status of billfish, tuna, coastal pelagic species, bottomfish, coral reef fish and lobster stocks in the Western & Central Pacific Ocean, (2) impacts of fishing on these stocks.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$115,473
<u>Development of an Extended and Long-range Precipitation Prediction System over the Pacific Islands</u>	
H Annamalai	Joint Institute for Marine and Atmospheric Research
To develop and transition a dynamical precipitation prediction system for the U.S. Affiliated Pacific Islands.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$109,492
<u>Toward Reducing Climate Model Biases in the Equatorial Atlantic and Adjacent Continents</u>	
Shang-Ping Xie	Joint Institute for Marine and Atmospheric Research
To perform diagnostic and modeling studies to identify the source of climate model errors over the tropical Atlantic.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$58,055
<u>The Effects of the Stratospheric Quasi-Biennial Oscillation on Seasonal Predictability of Tropospheric Circulation in the Northern Hemisphere...</u>	
Kevin P Hamilton	Joint Institute for Marine and Atmospheric Research
A project to perform computer calculations and to analyze the results in order to improve weather forecasts for periods of up to several months.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$163,348
<u>Profiling CTD Float Array Implementation and Ocean Climate Research</u>	
Thomas A Schroeder	Joint Institute for Marine and Atmospheric Research
1) to support the profiling CTD floats through testing, deployment, and management of a subset of these floats; 2) To perform scientific analysis including estimates of ocean heat variability using the float and other data.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$127,085
<u>National Weather Service, Pacific Region - In Lieu of Rent Payments</u>	
Thomas A Schroeder	Joint Institute for Marine and Atmospheric Research
Funds will be used to support students and infrastructure within the departments of Meteorology, Oceanography (marine applications) and Geology& Geophysics (hydrology).	
National Oceanic & Atmospheric Administration/Department of Commerce	\$1,070,999
<u>The University of Hawaii Sea Level Center</u>	
Mark A Merrifield	Joint Institute for Marine and Atmospheric Research
The University of Hawaii Sea Level (UHSLC) collects, processes, analyzes, and distributes tide gauge data from around the world in support of climate and oceanographic research.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$311,500
<u>Mechanisms of Atmospheric Mercury in Transport and Transformation in the Remote Pacific Marine Free Troposphere Measured in Hawaii</u>	
Thomas A Schroeder	Joint Institute for Marine and Atmospheric Research
A data set will be assembled that will include the atmospheric measurements currently being conducted at Mauna Loa Observatory and the mercury measurements.	

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DOC-Dept of Commerce

National Oceanic & Atmospheric Administration/Department of Commerce	\$246,400
<u>WHOTS-5 Cruise Plan: WHOI Hawaii Ocean Timeseries Station, Fifth Setting</u>	
Thomas A Schroeder	Joint Institute for Marine and Atmospheric Research
Mooring operations to provide long-term, high quality air-sea fluxes and upper ocean temperature, salinity and velocity as a coordinated part of the Hawaii Ocean Timeseries (HOT) program, and contribute to the goals of observing heat, fresh water and chemical fluxes at a site representative of the oligotrophic North Pacific Ocean.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$282,000
<u>Western Pacific Fishery Information Network Project</u>	
Thomas A Schroeder	Joint Institute for Marine and Atmospheric Research
Provide technical and operational support to members of the participating agencies to provide best-available fisheries data to scientists, researchers, and managers within the Joint Institute for Marine and Atmospheric Research (JIMAR), University of Hawaii (UH), National Marine Fisheries Service (NMFS), and the Western Pacific Regional Fisheries Management Council.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$1,218,000
<u>Enhancement of Data and Research Activities for Climate Studies at the International Pacific Research Center (IPRC)</u>	
Kevin P Hamilton	Joint Institute for Marine and Atmospheric Research
The project enhances the activities at the Asia-Pacific Data-Research Center (APDRC) within the International Pacific Research Center (IPRC) at the University of Hawaii. Activities include web-based access to a board range of ocean, atmosphere, and air sea flux and products for climate studies.	
National Oceanic & Atmospheric Administration/Department of Commerce	\$91,721
<u>Changes in the Tropical Pacific Climate Variability During the Last Millennium: External Forcing Versus Internal Variability</u>	
Axel Timmermann	Joint Institute for Marine and Atmospheric Research
The sensitivity of the El Nino-Southern Oscillation to external climate forcing during the last 1,000 years will be studied using climate models as well paleo-climate reconstructions.	

DOD-Department of Defense

Department of the Army	\$826,000
<u>Cultural Resources Actions in Support of Stryker Brigade at Oahu Military Reservations except Makua, Island of Oahu</u>	
David C Duffy	Department of Botany
Support the Army's ecosystem management program's efforts to conserve, protect, and enhance the cultural resources on military reservations on Oahu (except Makua) by surveying, recording, and reporting on significant archeological sites.	
Department of the Army	\$250,000
<u>Court Ordered Cultural Resources Actions at Makua Military Reservation, Island of Oahu</u>	
David C Duffy	Department of Botany
Support the Army's ecosystem management program's efforts to conserve, protect, and enhance the cultural resources on Makua Military Reservation on Oahu by surveying, recording, and reporting on significant archeological sites.	

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Research

DOD-Department of Defense

Department of the Army \$637,000

Cultural Resources Actions in Support of Stryker Brigade at Pohakuloa Training Area, Island of Hawaii

David C Duffy Department of Botany

Support the Army's ecosystem management program's efforts to conserve, protect, and enhance the cultural resources at the Pohakuloa Training Area by surveying, recording, and reporting on significant archeological sites.

Department of the Navy \$768,350

Marine Mammals: Hearing and Echolocation at Coconut Island

Paul E Nachtigall Hawaii Institute of Marine Biology

Examine the hearing of marine mammals using the auditory evoked potential procedure in which hearing is measured by looking at the brain wave patterns in response to sound.

DOE-Dept of Energy

Department of Energy \$70,000

High Precision Timing, Integrated Photodetector Readout

Gary S Varner Department of Physics and Astronomy

Low, cost, high performance integrated circuit readout for photodetectors.

Department of Energy \$120,000

I. Structural and Mechanistic Studies of Doped Alanates; II. Kinetic Enhancement of Thermodynamically Tuned, High Capacity, Reversible Metal Hydrides

Craig M Jensen Department of Chemistry

Development of High Performance Hydrogen Storage Materials.

Department of Energy \$492,000

Development of High Yield, Tropical Feedstocks for Bioenergy

Andrew G Hashimoto College of Tropical Agriculture and Human Resources

Investigate the use of tropical grasses for conversion into liquid transportation fuels.

Department of Energy \$187,754

Synthesis of New Diamond-Like B-C Phases Under High Pressures and Temperatures

Li-Chung Ming Hawaii Institute of Geophysics and Planetology

Create a new diamond-like material using only Boron and Carbon.

DOI-Dept of Interior

National Park Service/Department of the Interior \$250,000

Developing and Evaluating Techniques for Controlling Invasive Plants

David C Duffy Department of Botany

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

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Research

DOI-Dept of Interior

National Park Service/Department of the Interior	\$90,000
<u>Climate Monitoring Data</u>	
David C Duffy	Department of Botany
Collaborate with NPS to implement a climate monitoring protocol to process, review and store climate data for status and trend analysis.	
National Park Service/Department of the Interior	\$310,500
<u>Developing and Evaluating Techniques for Native Hawaiian Plant Restoration</u>	
David C Duffy	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.	
National Park Service/Department of the Interior	\$110,212
<u>Identification of Ancient and Historic Trails in the Ala Kahakai Corridor in Kohala, Kona and Kau, Island of Hawaii</u>	
Luciano Minerbi	Department of Urban and Regional Planning
Identification of ancient and historic trails in the Ala Kahakai Corridor in Kohala, Kona and Kau, Island of Hawaii.	
National Park Service/Department of the Interior	\$261,026
<u>Experimental Removal of Selected Invasive Plants from Big Island Parks</u>	
David C Duffy	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.	
U.S. Fish & Wildlife Service/Department of the Interior	\$20,743
<u>Molokai Black Buck Control Project</u>	
David C Duffy	Department of Botany
Assess the size and distribution of the black buck population on Molokai and develop a control/eradication program with the local community.	
U.S. Fish & Wildlife Service/Department of the Interior	\$1,175
<u>Project Support for HACCP Plan Implementation for the Kauai Invasive Species Committee</u>	
David C Duffy	Department of Botany
Supplement the Kauai Invasive Species Committee's Hazard Analysis Critical Control Point plan for reducing Miconia.	
U.S. Fish & Wildlife Service/Department of the Interior	\$6,000
<u>Avian Influenza Surveillance, KISC and OISC</u>	
David C Duffy	Department of Botany
Provide rapid response to monitor dead birds for avian influenza on Oahu and Kauai.	
U.S. Fish & Wildlife Service/Department of the Interior	\$78,778
<u>Plant Extinction Prevention Program</u>	
David C Duffy	Department of Botany
Prevent the extinction of 54 plant species on Kauai at high risk for imminent extinction through propagule collection, tissue culture and propagation.	

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DOI-Dept of Interior

U.S. Fish & Wildlife Service/Department of the Interior	\$5,094
<u>MoMISC Albezia Eradication Project</u>	
David C Duffy	Department of Botany
Supplement the Molokai Invasive Species Committee's early detection and rapid response efforts to control the invasive tree Albizia.	
U.S. Geological Survey/Department of the Interior	\$50,000
<u>Application of Radar Imagery as Input to a Rainfall-Runoff Model for the Kawela Watershed, Molokai</u>	
Aly I El-Kadi	Water Resources Research Center
This study will use radar-inferred rainfall maps as input to a rainfall-runoff model for the Kawela watershed on Molokai in order to assess the effects on various climate and land cover scenarios on stream flow and ground-water recharge.	
U.S. Geological Survey/Department of the Interior	\$37,500
<u>National Assessment: Historical Shoreline Changes and Associated Coastal Land Loss Along Sandy Shorelines of the Islands Oahu, Maui, and Kauai</u>	
C H Fletcher	Department of Geology and Geophysics
Analyze statistical techniques for determining long-term shoreline change rates and work with the national assessment co-op in statistical tool development for application to DSAS.	

Foreign

Australian National University	\$4,364
<u>Cosmology from Type 1a Supernovae</u>	
John L Tonry	Institute for Astronomy
Funds used to fund investigations of cosmology using Type Ia supernovae.	

Hawaii- Business and Other

Alakai Consulting and Engineering, Inc.	\$74,819
<u>Dual-Use Standoff Raman Spectrometer (DUSRS)</u>	
Shiv K Sharma	Hawaii Institute of Geophysics and Planetology
Building a conceptual design for an ideal UV stand-off Raman system.	
Hawaii Farm Bureau Federation	\$27,500
<u>Investigations into Macadamia Tree Dieback and Decline and Field Management Strategies to Alleviate the Problem</u>	
Mike A Nagao	Department of Tropical Plant and Soil Sciences
Research on tree decline will be conducted to provide the macadamia industry and producers with strategies to overcome decline due to nutrient stress and disease.	
North Shore Shark Adventures	\$6,500
<u>Site Fidelity and Movement Patterns of Sharks Associated with Commercial Shark Watching Tours</u>	
Carl G Meyer	Hawaii Institute of Marine Biology
We will equip sharks with small transmitters to determine their movement patterns.	

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Hawaii- Government Agencies

<p>County of Hawaii</p> <p><u>Innovative Research Methods with Crop Production</u></p> <p>Susan C Miyasaka Chancellor, Hawaii Community College</p> <p>These two unique projects on innovative Research Methods with Crop Production can benefit the county with food self sufficiency in our communities with new research techniques, provide potential increase in vegetable and fruit production for consumers and local industry, and provide educational opportunities for community members, our youth, and visitors.</p>	<p>\$14,000</p>
<p>County of Hawaii</p> <p><u>Crop Production for Sustainable Agriculture</u></p> <p>Susan C Miyasaka Chancellor, Hawaii Community College</p> <p>This grant proposal focuses on various crop production methods with research and educational outreach fostering a diverse and sustainable agricultural economy on Hawaii Island. These projects can benefit the county with food self sufficiency in our communities, provide niche marketing, and educational opportunities for community members, local youth, and visitors.</p>	<p>\$16,500</p>
<p>DLNR-Division of Aquatic Resources</p> <p><u>A Recreation Management-by-Objectives Framework for Hawaii's Coastal Resources: Application at Kealakekua Bay and Molokini Shoal</u></p> <p>Brian W Szuster Department of Geography</p> <p>The proposed project will develop a recreation management-by-objectives framework to assist the Hawaii Division of Aquatic Resources manage recreational activities in Hawaii's coastal areas. The framework will be tested at Kealakekua Bay and Molokini Shoal Marine Life Conservation Districts.</p>	<p>\$134,000</p>
<p>DOH-Alcohol & Drug Abuse Division</p> <p><u>Data Collection and Analysis of Substance Abuse Prevention Services</u></p> <p>Shi-Jen He Center on the Family</p> <p>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.</p>	<p>\$172,419</p>
<p>Hawaii-Dept of Health</p> <p><u>State Prevention Framework State Incentive Grant (SPF SIG) Epidemiology</u></p> <p>Claudio R Nigg Office of Public Health Studies</p> <p>The contract will be with the State of Hawaii, Department of Health, Alcohol and Drug Abuse Division, to provide epidemiological support for the Hawaii Strategic Prevention Framework State Incentive Grant (HI SPF-SIG) project, which is designed to reduce substance abuse in Hawaii.</p>	<p>\$58,230</p>
<p>Hawaii-Dept of Health</p> <p><u>ADAD Needs Assessment Contract</u></p> <p>Deborah A Goebert Department of Psychiatry</p> <p>Conduct Hawaii Student Alcohol, Tobacco, and Drug Use Survey for the Department of Health, Alcohol and Drug Abuse Division (ADAD) and collaborate with ADAD in substance abuse treatment services for the youth and adult criminal justice population.</p>	<p>\$465,817</p>
<p>Hawaii-Dept of Land & Natural Resources</p> <p><u>GIS Research on State Forest Lands</u></p> <p>David C Duffy Department of Botany</p> <p>Work cooperatively with DLNR on GIS mapping of forest fire response and development of a state forestry plan.</p>	<p>\$53,500</p>

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Hawaii- Government Agencies

Hawaii-Dept of Land & Natural Resources \$120,516

Green & Healthy Hawaii: Identifying & Introducing Alternative Ornamental Landscape Plants in Response to Invasive Species Issues

Andrew J Kaufman

Department of Tropical Plant and Soil Sciences

This research project is to identify new ornamental plants for Hawaii's landscape industry that are not an invasive threat to the natural environment and to produce a reference publication of alternative ornamental plants for Hawaii's landscape industry use.

Hawaii-Dept of Transportation \$233,089

Survey and Modeling Analysis of MS4 Highway Storm Runoff on Oahu, Hawaii

Clark C. K. Liu

Water Resources Research Center

The proposed survey and analysis will bring about a better understanding of the impacts of storm runoff from Hawaii watersheds on the water quality of receiving waters. Specifically, it will investigate the impacts of storm water generated from H-1 and H-3 freeways on water quality conditions in Ala Wai Canal and Pearl Harbor.

Hawaii-U.S. Army Garrison \$199,242

Flood and Stormwater Reuse Study

Roger W Babcock

Water Resources Research Center

Conduct an inventory the current natural water resources and impoundment structures, determine drainage areas, determine structural integrity, and determine potential reuse of stormwater.

Hawaii- Health Organizations

Kaiser Permanente - HI \$40,319

Hawaii Family DASH

Claudio R Nigg

Office of Public Health Studies

This is a subcontract for the physical activity intervention and assessment portion and the data analysis for a project addressing childhood obesity through the physician and at home.

Kaiser Permanente - HI \$9,757

Pacific Kids DASH for Health

Suzanne P. Murphy

Cancer Research Center

This project will provide important information on the role of the DASH diet for obesity prevention in minority children. The study will integrate areas of nutrition, physical activity, social sciences, and epidemiology, to investigate interrelationships among food and the environment in promoting health.

Hawaii- Non-Profit Organizations

Partners in Development \$25,000

Parenting Classes

Judith Miller

Department of Nursing

A Series of 12 parenting classes will be designed and presented to the adult participants of the transitional housing shelter. Curriculum evaluation will be completed.

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Hawaii- Non-Profit Organizations

Tri-Isle Resource Conservation & Development Council \$91,000

East Maui Watershed Protection

Clifford W Morden

Department of Botany

Control and reduce invasive species in protected areas in the East Maui Watershed and record data to track the effectiveness of control techniques.

Univ of Hawaii Foundation \$38,533

Human Papillomavirus (HPV) Infection and Barriers to Cervical Cancer control in American Samoa

Brenda Y Hernandez

Cancer Research Center

The Specific Aims of this pilot project are to determine the feasibility of conducting a survey on the prevalence of cervical HPV infection among females 18+ in American Samoa, and to develop and pilot a KAP (knowledge, attitudes, practices) survey in English and Samoan languages to evaluate effectiveness of HPV vaccination and Pap smear screening in American Samoa.

Mainland- Business and Other

Concurrent Technologies Corporation \$1,700

Sources of Radiation in the Hawaiian Islands with Emphasis for Environmental Excellence (NDCEE) from the University of Hawaii

Kenneth H Rubin

Department of Geology and Geophysics

Define and describe natural radiation sources in specified regions on the islands of Oahu and Hawaii.

Jet Propulsion Lab \$21,110

Testing the Disk Regulation Paradigm with Spitzer: Low Mass Stars

Lucas Cieza

Institute for Astronomy

We propose to measure spectral types of those members of the young stellar cluster NGC (New General Catalogue) 2264 with known rotation periods and undetermined spectral types in order to construct a very clean sample of M3 and later type stars.

Jet Propulsion Lab \$8,000

Binary Debris Disks: Follow-on Observations of Spitzer Discoveries

Nader Haghighipour

Institute for Astronomy

Complete initial and analyze survey results of Spitzer telescope observations.

Jet Propulsion Lab \$20,431

Investigating the Triggers of Starburst Activity in Galaxy Clusters

Harald Ebeling

Institute for Astronomy

Use data from NASA's Spitzer space telescope to investigate starburst activity in galaxy clusters.

Jet Propulsion Lab \$52,140

UV Processing of Ices Across the Rosette Molecular Cloud

Jacqueline Keane

Institute for Astronomy

Analyze the absorption spectra of the Rosette Molecular Cloud.

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Mainland- Business and Other

Jet Propulsion Lab	\$157,286
<u>Orographically Induced Ocean-Atmosphere Interaction: Satellite Observations and Numerical Modeling</u>	
Shang-Ping Xie	Department of Meteorology
Conduct analysis of observations by the QuikSCAT and other NASA satellite observations for a better description and understanding of ocean-atmosphere interaction and climate.	
MERCK & Co., Inc	\$104,663
<u>Merk HPV Investigator - Initiated Studies Program Proposal</u>	
Brenda Y Hernandez	Cancer Research Center
The one-year study will conduct Human Papillomavirus (HPV) DNA testing and genotyping and serologic testing, and data analysis from samples previously collected in the Male-Female HPV Study (CHS 13214) in which recruitment has closed. The overall objective of the study is to understand the transmission dynamic of HPV between male-female partners.	
Smithsonian Astrophysical Observatory	-\$906
<u>Chandra Observations of (U) LIRGS with Double Nuclei: Search for Binary AGN and X-ray Luminous Starbusts</u>	
David Bruce Sanders	Institute for Astronomy
We propose to observe with Chandra and carefully select from a complete sample of ultra luminous IRAS galaxies.	
Southwest Research Institute	\$17,484
<u>JUNO Science Support Phase B/C/D Activities</u>	
Tobias Owen	Institute for Astronomy
Dr. Owen will provide guidance and review of all Education and Public Outreach activities. He will also assist in analysis, modeling and interpretation of models of Jupiter formation.	
Space Telescope Science Institute	-\$132
<u>Boron in F Stars in the Hyades - Insights into the Li-Be Dip</u>	
Ann M Boesgaard	Institute for Astronomy
Astronomical research on the Boron in F stars in the Hyades using the Hubble Space Telescope.	
Space Telescope Science Institute	-\$4,976
<u>The Physical Parameters of the Hottest, Most Luminous Stars as a Function of Metallicity</u>	
Rolf-Peter Kudritzki	Institute for Astronomy
Astronomical research using the Hubble Space Telescope on the ultraviolet and optical spectra of 25 Magellanic Cloud stars.	

Mainland- Health Organizations

Mayo Clinic Foundation	\$16,850
<u>NCCTG SUBAWARD AGREEMENT (Mayo Clinic Rochester dba Mayo Clinic College of Medicine)</u>	
Jonathan Cho	Cancer Research Center
A Clinical Research Associate (CRA) assigned to the project will be responsible for clinical trial accrual of sponsor's cancer-related treatment and prevention studies. CRA will review eligibility criteria, assist in consenting patients, study registration, treatment and follow-up data to include specimen submission data and complete data forms to sponsor.	

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Mainland- Health Organizations

Mayo Clinic Foundation	\$12,600
<u>NCCTG Subaward Agreement (Mayo Clinic Rochester dba Mayo Clinic College of Medicine)</u>	
Jonathan Cho	Cancer Research Center
A Clinical Research Associate (CRA) assigned to the project will be responsible for clinical trial accrual of sponsor's cancer -related treatment and prevention studies. CRA will review eligibility criteria, assist in consenting patients, study registration, treatment and follow-up data to include specimen submission data and complete data forms to sponsor.	

Mainland- Non-Profit Organizations

Alzheimer's Association	\$99,977
<u>Medicines from Marine Resources</u>	
Philip Williams	Department of Chemistry
The development of an assay protocol for Alzheimer's drug discovery and subsequent screening.	
Arcadia Wildlife Preserve Inc	\$2,400
<u>Genetic Architecture of Coral Reefs</u>	
Stephen Anthony Karl	Hawaii Institute of Marine Biology
Genetic assessment of coral colonies on a reef in Kaneohe Bay, Oahu, Hawaii. This funding is for laboratory support.	
NSABP Foundation Inc	\$70,500
<u>Amendment #2 -- TFED38-- 118. Federal Master Purchased Services Agreement Treatment Protocols</u>	
Robert H Oishi	Cancer Research Center
Project staff assist the Principal Investigator in enrolling patients on National Surgical Adjuvant Breast & Bowel Project (NSABP) protocols and oversees their protocol treatment and health care. Patient screening to determine patient eligibility, patient education, sponsor-required data submission and other protocol-related procedures are performed by CRCH staff.	

National Aeronautics and Space Administration

National Aeronautics & Space Administration	\$23,427
<u>NAIONordic Summer School - Water, Ice and the Evolution of Life in the Universe / 2008 HI STAR Program</u>	
Karen J Meech	Institute for Astronomy
Create summer program including posters, web-based application, materials and curriculum. Continue outreach for HI STAR program.	
National Aeronautics & Space Administration	-\$46,750
<u>Thermal Infrared Spectroscopic Studies of Geologic Materials for Application to Earth and Mars</u>	
Victoria E. Hamilton	Hawaii Institute of Geophysics and Planetology
Laboratory infrared spectroscopy studies of rocks and minerals having various surface roughness; information learned will increase our understanding of processes affecting infrared spectra of geologic materials, and will (eventually) help us to interpret data returned from NASA missions to Mars. Research will support PI's new infrared laboratory in HIGP.	

Gifts, Grants, and Contracts for September 2008

Research

National Aeronautics and Space Administration

National Aeronautics & Space Administration -\$36,466

Thermal Infrared Spectroscopic Studies of Geologic Materials for Application to Earth and Mars

Victoria E. Hamilton Hawaii Institute of Geophysics and Planetology

Laboratory infrared spectroscopy studies of rocks and minerals having various surface roughness; information learned will increase our understanding of processes affecting infrared spectra of geologic materials, and will (eventually) help us to interpret data returned from NASA missions to Mars. Research will support PI's new infrared laboratory in HIGP.

National Aeronautics & Space Administration \$92,942

Mars Surface Composition in a Geological Context

G Jeffrey Taylor Hawaii Institute of Geophysics and Planetology

This project will use data from Mars mission to understand the formation and geological and geochemical evolution of the martian crust.

National Aeronautics & Space Administration \$64,416

Detailed Investigations of Mars' Surface Mineralogy and Geology Using Visible to Infrared Data

Victoria E. Hamilton Hawaii Institute of Geophysics and Planetology

The proposal is to support a graduate student and the PI to perform analysis of infrared data of the Martian surface collected by ongoing NASA orbital missions.

National Aeronautics & Space Administration \$21,934

Origin of Earth Water Mission Instrumentation Development Workshop

Karen J Meech Institute for Astronomy

Develop innovative research strategies for detection of small amounts of volatile outgassing from objects in the outer asteroid belt.

National Aeronautics & Space Administration \$5,000

Search for WHIM in the Shapley Supercluster

J Patrick Henry Institute for Astronomy

We aim at the first significant detection of redshifted oxygen emission from the arm-hot intergalactic medium in the Shapley Supercluster.

National Science Foundation

National Science Foundation \$126,588

Binding in Adult and Child Thai

Kamil Ud Deen Department of Linguistics

This proposal is to conduct six experiments in Bangkok, Thailand on 80 children aged 3-7 yrs, testing for knowledge of two supposedly universal principles of language called the Binding Conditions.

National Science Foundation \$6,920

Genetics of Heterocyst Differentiation and Patterning

Sean M Callahan Department of Microbiology

Investigation of the role of a protein called HetF in the differentiation of heterocysts in the cyanobacterium Anabaena.

Gifts, Grants, and Contracts for September 2008

Research

National Science Foundation

National Science Foundation -\$1,192,518

Biodiversity Dynamics and Land-Use Changes in the Amazon: Multi-Scale Interactions Between Ecological Systems and Resource-Use Practices by Indigenous

Jose M Fragoso Department of Botany

This project will test the hypothesis that traditional aspects of indigenous culture buffer the impacts of integration on resource use and therefore on biodiversity by quantifying social, economic, biological and land-use variables in and around 30 Macuxi indigenous communities in the northern Brazilian Amazon and modeling the dynamics of this coupled human-natural system.

National Science Foundation \$164,000

International Collaboration in Chemistry: Redox Control of Chemical Bond Forming Reactions

David Vicic Department of Chemistry

To develop electrocatalytic methods for enantioselective chemical bond forming reactions based on one-electron redox chemistry, with parallel efforts to identify new catalysts.

National Science Foundation \$16,050

Oceanographic Technical Services 2006-2008, R/V Kilo Moana

Brian Taylor School of Ocean and Earth Science and Technology

Support for technical services during NSF-Funded Programs on R/V Kilo Moana.

National Science Foundation \$145,000

Collaborative Research: Hawaii Ocean Time-series Program: Biogeochemistry and Ecology Component

David M Karl Department of Oceanography

To continue our 20-year field sampling, ocean time-series program at Station ALOHA, 100 km north of Oahu - Supplemental proposal requested by NSF.

National Science Foundation \$498,325

Diversity and Ecology of Marine RNA Viruses

Grieg F Steward Department of Oceanography

Sampling will be conducted in Kaneohe Bay to determine the diversity of planktonic RNA viruses, and to determine how the abundance of different virus types vary over time.

National Science Foundation \$7,000

Pacific Research Center for Marine Biomedicine

Edward A Laws Department of Oceanography

This supplement provides funds to cover costs associated with the compilation and printing of proceedings of the 2008 Joint NSF/NIEHS/NOAA Oceans and Human Health Centers.

National Science Foundation \$51,000

I/URC Center for Bioenergy Research and Development

Scott Q Turn Hawaii Natural Energy Institute

The proposal seeks to establish a Center for Bioprocessing Research and Development at the University of Hawaii to work on integrated biofuels production for renewable energy.

Gifts, Grants, and Contracts for September 2008

Research

National Science Foundation

National Science Foundation \$19,844

U.S.-Japan Planning Visit: Hormonal Control of Body Fluid Homeostasis in Fish; Interactions Between Fast-acting and Slow-acting Hormones

E Gordon Grau

Hawaii Institute of Marine Biology

To support and foster collaborative research between US and Japanese young scientists, post-doctoral fellows, and graduate students, focusing on the comparative hormonal control of fluid homeostasis in fishes. Establishing new methodologies and participation in mini-symposia and workshops will benefit developing scientists, promoting professional and personal relationships.

National Science Foundation \$187,646

The Global Fracture Zone and Magnetic Lineation Data Base Project

Paul Wessel

Department of Geology and Geophysics

This project will develop infrastructure that lets the community of plate reconstruction scientist automatically obtain the best estimates of fracture zones and magnetic isochrons.

National Science Foundation \$123,194

Collaborative Research: Crustal Accretion and Mantle Processes Along the Subduction Influenced Eastern Lau Spreading Center

Robert A. Dunn

Department of Geology and Geophysics

Active and passive source seismic experiment along the Eastern Lau Spreading Center to image crustal and mantle structure.

National Science Foundation \$404,581

Collaborative Research: Turbulent Fluxes and Boundary Layer Structure Due to Near-shore Internal Tides

Eugene R. Pawlak

Department of Ocean and Resources Engineering

The proposed work will carry out field observations of near-bed turbulence and turbulent fluxes associated with shoaling internal tidal bores. The work will make use of real-time observations at the cabled Kilo Nalu Observatory.

US Colleges and Universities

Stanford University \$102,000

Institute for Astronomy Support for the SDO/HMI Investigation

Jeffrey R. Kuhn

Institute for Astronomy

As part of a team headed by Stanford University, the Institute for Astronomy will work on the Helioseismic and Magnetic Imager data analysis methodology and coding to produce high level data needed for photometry and astrometry research.

Univ of Washington \$159,823

Diabetes Prevention Outcomes Study in Hawaii

Richard F Arakaki

Department of Medicine

Maintain outcome measures and retention of the Diabetes Prevention Program cohort in Hawaii. Intervention of lifestyle modification and metformin treatment are continued during the course of this proposal in people at risk and who have developed diabetes. In addition, more extensive outcome measures will be obtained in participants who have developed diabetes.

University of California, Davis \$42,750

Funding for 2008 Hawaii IR-4 Food Use Field Projects

Michael K Kawate

Department of Plant and Environmental Protection Sciences

To conduct field trails in agricultural crops to collect pesticide efficacy data and/or residue samples for analysis.

Gifts, Grants, and Contracts for September 2008

Research

US Colleges and Universities

<p>University of California, Irvine</p> <p><u>The Role of Evolution in Dengue Virus Emergence</u></p> <p>Shannon N Bennett Dept of Trop Med, Medical Microbiology and Pharmacology</p> <p>Dengue virus, causing fever with occasional hemorrhaging, is expanding worldwide, producing more frequent, severe epidemics. Evidence suggests genetic changes in circulating viruses underlie these dynamics. We compare virus sequence data from multiple populations all undergoing endemic/epidemic transitions for universal genetic factor.</p>	<p>\$146,269</p>
<p>University of California, San Francisco</p> <p><u>Macrophage Targeted Therapy for HAD and HIV Disease (Project 3)</u></p> <p>Cecilia M Shikuma Department of Medicine</p> <p>The grant application continues Year 2 goals with establishing the clinical study and protocol in Hawaii to test new therapies for HIV-1-associated dementia.</p>	<p>\$246,539</p>
<p>University of Pittsburgh</p> <p><u>Emerging Learning and Integrated Technologies Education (ELITE) Faculty Development Program</u></p> <p>Benjamin W Berg John A. Burns School of Medicine</p> <p>Support curriculum development and delivery; develop onsite and online distance learning presentations as ELITE workshop instructional partner; coordinate activities with learning partners.</p>	<p>\$15,000</p>
<p>Subcount: 136</p>	<p>Subtotal: \$33,305,041</p>

Non-Research

DA-Dept of Agriculture

<p>Cooperative State Research, Education, & Extension Service/Department of Agriculture</p> <p><u>University of Hawaii Agribusiness Education, Training and Incubator Project (AETI)</u></p> <p>Ronald K Takahashi Chancellor, Kapiolani Community College</p> <p>Agribusiness education, training, and incubator project to promote sustainable agriculture and promote the educational opportunities for underserved minorities in food and agriculture related fields of study.</p>	<p>\$1,528,082</p>
<p>DA-Natural Resources Conservation Service (NRCS)</p> <p><u>2008 Stockman's Fall Field Day</u></p> <p>Mark S Thorne Department of Human Nutrition, Food and Animal Sciences</p> <p>The goals for this program are: (1) Inform producers on the practices and principles of behavior-based grazing management for improved animal performance, pasture condition, and ranch profitability; (2) Provide producers with information on emerging technology and advances in management; and (3) Provide participants with information on sustainable management practices.</p>	<p>\$15,930</p>
<p>Department of Agriculture</p> <p><u>Professional Internship - PIPTIEM</u></p> <p>Sharon Ziegler-Chong Pacific Aquaculture-UHH</p>	<p>\$178,330</p>

Gifts, Grants, and Contracts for September 2008

Non-Research

DA-Dept of Agriculture

Department of Agriculture \$44,470

Hawaii Volcanic Eruption - Impacts on Hawaii Agriculture

Wayne T Nishijima

College of Tropical Agriculture and Human Resources

Ranchers also have concerns about potential damage to grazing lands and potential toxic effects of flourine on cattle as it accumulates in forage plants. The projects goal is help mitigate the impacts of this new eruption on farmers and ranchers on the island of Hawaii.

DHHS-Dept of Health and Human Services

National Cancer Institute/NIH/DHHS \$522,976

Nutritional & Behavioral Cancer Prevention in a Multiethnic Population

Gertraud Maskarinec

Cancer Research Center

Grant will support postdoctoral training in cancer prevention and control research led by faculty at the Cancer Research Center of Hawaii and collaborators elsewhere at the University and health care organizations in Honolulu.

National Center for Research Resources/NIH/DHHS \$270,000

Pacific Education and Research for Leadership in Science (PEARLS)

Kelley Marie Withy

Department of Complementary and Alternative Medicine

To increase science knowledge and interest in science careers through an inquiry based science curriculum for 7th and 8th grade students in the Pacific region.

National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS \$57,510

High School Students Step Up to Biomedical Research

George S N Hui

Dept of Trop Med, Medical Microbiology and Pharmacology

Provide biomedical research training for high school students of ethnic minority and economically disadvantaged background.

National Institutes of Health/DHHS \$108,226

PhD in Clinical Research

Rosanne C Harrigan

John A. Burns School of Medicine

Offer a PhD Program in Clinical Research.

National Institutes of Health/DHHS \$158,687

Parallel MRI for Substance Abuse Research

Victor Andrew Stenger

Department of Medicine

Career development award - to continue as an independent investigator on won NIH projects as well as mentor junior investigators and participate in other clinical research projects.

DOC-Dept of Commerce

National Oceanic & Atmospheric Administration/Department of Commerce \$36,264

Vessel Refurbishment

Bob Perkins

Chancellor, Honolulu Community College

Vessel refurbishment and update to allow training of students and facilitate having a operational vessel for on-board student classes in Small Vessel Handling and Seamanship.

Gifts, Grants, and Contracts for September 2008

Non-Research

DOD-Department of Defense

DOD-Naval Research Laboratory	\$99,000
<u>Supplement to: R/V KILO MOANA Ship Operations and Technical Support Services</u>	
Brian Taylor	School of Ocean and Earth Science and Technology
The present request is for funds to overhaul the #4 Main Engine.	
DOD-Tripler Army Medical Center	\$152,550
<u>Tripler Army Medical Center (TAMC) Crisis and Mock Code Training</u>	
Benjamin W Berg	John A. Burns School of Medicine
Provide twelve (12) one-day Crisis Team training sessions for TAMC staff at JABSOM; provide twelve (12) one-day Mock Code training sessions at TAMC; complete two (2) manpower reports to TAMC.	
Office of Naval Research	\$15,000
<u>Supplement to: R/V Kilo Moana Ship Operations and Technical Support Services</u>	
Brian Taylor	School of Ocean and Earth Science and Technology
Rental of Klaus Wyrcki R/V from University of Hawaii Marine Center for Dipole Moment Tests Associated with the Office of Naval Research 3MDS Project.	

DOI-Dept of Interior

Department of Interior	\$30,648
<u>Option Period 2, CLIN 0003, SubCLIN 0003AG Blood Safety Workshop/SubSLIN 0003AH HIV Logistics Workshop</u>	
Cecilia M Shikuma	Pacific Biosciences Research Center
National Park Service/Department of the Interior	\$5,400
<u>Support for a Coordinator for the Coordinating Group on Alien Pest Species</u>	
David C Duffy	Department of Botany
Assist the Coordinating Group on Alien Species with Collaborative projects to reduce invasive aliens species in Hawaii.	
National Park Service/Department of the Interior	-\$11
<u>Support for a Coordinator for the Coordinating Group on Alien Pest Species</u>	
David C Duffy	Department of Botany
Assist the Coordinating Group on Alien Species with Collaborative projects to reduce invasive aliens species in Hawaii.	
National Park Service/Department of the Interior	\$27,988
<u>Healing Habitats: Community Cooperation</u>	
Sharon Ziegler-Chong	Pacific Aquaculture-UHH
U.S. Fish & Wildlife Service/Department of the Interior	\$3,525
<u>Support of Aquatic Invasive Species Workshop Sponsored by the Kauai Invasive Species Committee</u>	
David C Duffy	Department of Botany
Host a conference on Aquatic Invasive Species on Kauai.	

Gifts, Grants, and Contracts for September 2008

Non-Research

DOI-Dept of Interior

U.S. Fish & Wildlife Service/Department of the Interior	\$13,622
<u>Laboratory Equipment for the Conservation of Hawaiian Tree Snails Project</u>	
Michael G Hadfield	Pacific Biosciences Research Center
The funds allocated will provide for equipment purchase for the Kewalo Snail Laboratory.	
U.S. Geological Survey/Department of the Interior	\$28,000
<u>Tropical Montane Cloud Forests</u>	
Sharon Ziegler-Chong	Pacific Aquaculture-UHH
U.S. Geological Survey/Department of the Interior	\$52,947
<u>Manage Mouflon</u>	
Sharon Ziegler-Chong	Pacific Aquaculture-UHH
U.S. Geological Survey/Department of the Interior	\$38,551
<u>Endangered Plant - HVNP</u>	
Sharon Ziegler-Chong	Pacific Aquaculture-UHH
U.S. Geological Survey/Department of the Interior	\$17,000
<u>Koa Community Ecology</u>	
Sharon Ziegler-Chong	Pacific Aquaculture-UHH
U.S. Geological Survey/Department of the Interior	\$31,298
<u>Molelcular Tools</u>	
Sharon Ziegler-Chong	Pacific Aquaculture-UHH
U.S. Geological Survey/Department of the Interior	\$45,700
<u>Invasive Ants</u>	
Sharon Ziegler-Chong	Pacific Aquaculture-UHH
U.S. Geological Survey/Department of the Interior	\$21,316
<u>Habitat Selection - Hoary Bat</u>	
Sharon Ziegler-Chong	Pacific Aquaculture-UHH

Gifts, Grants, and Contracts for September 2008

Non-Research

DOI-Dept of Interior

U.S. Geological Survey/Department of the Interior	\$30,550
<u>Unit Support & Gen Activities</u>	
Sharon Ziegler-Chong Pacific Aquaculture-UHH	
U.S. Geological Survey/Department of the Interior	\$24,000
<u>Paliia Restoration Research</u>	
Sharon Ziegler-Chong Pacific Aquaculture-UHH	
U.S. Geological Survey/Department of the Interior	\$15,012
<u>Nene Habitat Use/Movement</u>	
Sharon Ziegler-Chong Pacific Aquaculture-UHH	
U.S. Geological Survey/Department of the Interior	\$190,000
<u>PBIN Operations</u>	
Sharon Ziegler-Chong Pacific Aquaculture-UHH	
U.S. Geological Survey/Department of the Interior	\$20,000
<u>Hawaiian Veg Mapping</u>	
Sharon Ziegler-Chong Pacific Aquaculture-UHH	
U.S. Geological Survey/Department of the Interior	\$85,000
<u>PBIN: PIERC</u>	
Sharon Ziegler-Chong Pacific Aquaculture-UHH	
U.S. Geological Survey/Department of the Interior	\$30,000
<u>Hawaiian Forest: Saipan</u>	
Sharon Ziegler-Chong Pacific Aquaculture-UHH	
U.S. Geological Survey/Department of the Interior	\$12,204
<u>Maui Dry Forests</u>	
Sharon Ziegler-Chong Pacific Aquaculture-UHH	

Gifts, Grants, and Contracts for September 2008

Non-Research

ED-Dept of Education

ED-Dept of Education	\$383,269
<u>Student Support Services Program</u>	
Melven M Yoshimoto	Vice Chancellor for Academic Affairs
Provide services and activities to increase retention and graduation rates of program-eligible students; foster campus climate to support students' success.	
ED-Dept of Education	\$683,808
<u>Education of Native Hawns: Pathways 2009</u>	
David K Sing	Vice Chancellor for Student Affairs-UHH
ED-Dept of Education	\$191,593
<u>Henry Ku'ualoha Giugni Archives</u>	
Stephen Y Itoga	Department of Information and Computer Sciences
The Henry Ku'ualoha Giugni Archives will be a digital and material archive intended to perpetuate and share the special history and culture of Native Hawaiians and the people of Hawaii.	
ED-Dept of Education	\$292,539
<u>Student Support Services Program, fy 09</u>	
Melissa Johnson	Vice Chancellor for Student Affairs-UHH
ED-Dept of Education	\$372,805
<u>Educational Talent Search</u>	
Beth H Sanders	Chancellor, Hawaii Community College
Provide services addressing academic preparedness/personal development to 900 low-income, first generation secondary school students and high school/college dropouts at 10 West Hawaii schools. Increase postsecondary enrollment by impacting completion rates, percentage of students completing admissions/financial aid applications, and individuals re-entering postsecondary options.	
ED-Dept of Education	\$231,550
<u>Honolulu Community College Student Support Services Project</u>	
Jolene Suda	Chancellor, Honolulu Community College
Provide student support services to low-income, first generation college students and students with disabilities to increase the retention, graduation, and transfer rates of these students.	
ED-Dept of Education	\$322,975
<u>Kapiolani Community College - TRIO Student Support Services</u>	
Mona Lee	Chancellor, Kapiolani Community College
Support services (academic and non-academic) for eligible low income, first generation in college, and students with disabilities enrolled at Kapiolani Community College. At selected participants must demonstrate need for academic support.	
ED-Dept of Education	\$349,342
<u>Students with Disabilities as Diverse Learners: Innovative Teaching Methods in Postsecondary Education</u>	
Robert A Stodden	Center on Disability Studies
The ultimate goal of the proposed project is to improve faculty attitudes, knowledge, and practice, resulting in increased retention and completion of postsecondary education by students with disabilities.	

Gifts, Grants, and Contracts for September 2008

Non-Research

ED-Dept of Education

ED-Dept of Education	\$369,741
<u>Student Support Services</u>	
Roy Owen Inouye	Chancellor, Windward Community College
Support services for low income, first generation and disabled students.	
ED-Dept of Education	\$132,675
<u>Redefining Student Services</u>	
Lui K Hokoana	Chancellor, Windward Community College
Improving student progress and increasing retention through additional intervention and opportunities. Developing capacity for continuous course and program improvement.	
ED-Dept of Education	\$246,963
<u>Maui Community College Student Support Services Program</u>	
Alvin R Tagomori	Chancellor, Maui Community College
A program designed to promote postsecondary education for low-income, first generation MCC students.	
ED-Dept of Education	\$132,438
<u>Title III for Native Hawaiian Serving Institutions - 84.031</u>	
Sandra Y Matsui	Chancellor, Honolulu Community College
Develop curriculum in Ocean Hawaii, Music Enterprise learning Experience and 1st Year Experience/Learning Communities.	
ED-Dept of Education	\$132,438
<u>Strengthening Hawaiian Studies Access and Academic Quality</u>	
Douglas Dykstra	Chancellor, Hawaii Community College
Rural district distance education and support; Curriculum resource development; interdisciplinary collaboration on new course development.	
ED-Dept of Education	\$540,000
<u>UHM GEAR UP Waipahu</u>	
Amy Agbayani	Vice Chancellor for Student Affairs
GEAR UP Waipahu provides 675 low-income middle school students access to rigorous academic preparation and financial information to enter and succeed in postsecondary education. The program features an innovative language and culture education program, an online learning initiative, a strong parent involvement component, tutoring, mentoring, and professional development.	
Office of Postsecondary Education/Department of Education	\$132,438
<u>Improving Engagement and Retention Among Underprepared Students</u>	
Michael H Pecsok	Chancellor, Leeward Community College
A grant to strengthen LCC's capacity to serve underprepared students (with emphasis on Native Hawaiian populations) and expand assessment and institutional research.	

Gifts, Grants, and Contracts for September 2008

Non-Research

Federal Agencies

Department of Housing & Urban Development	\$605,400
<u>Kamoleao Community Resource Center Project</u>	
Douglas Dykstra	Chancellor, Hawaii Community College
Self-help construction of community resource center and relevant programs for Low-toModerate-Income youths, adults, and families in Hilo, Hawaii.	
Department of Housing & Urban Development	\$799,907
<u>Kanewai Cultural Resource Center</u>	
Wendell Perry	Hawai'inuiakea School of Hawaiian Knowledge
To construct a cultural resource center for Ka Papa Loi o Kanewai.	
Department of Housing & Urban Development	\$794,728
<u>Kekaha Community Enterprise Center</u>	
Charles Ramsey	Chancellor, Kauai Community College
Kauai Community College in partnership with the Council for Native Hawaiian Advancement proposes the construction of the Kekaha Community Enterprise Center, to be located on Kekaha Hawaiian Homelands. Critical financial literacy counseling and basic skills courses will be offered. Capacity building for Kekaha Hawaiian Homes Association is also proposed.	
Department of Justice	\$249,994
<u>UHM Program Against Violence to Women</u>	
Christine A Quemuel	Student Equity, Excellence, and Diversity
To provide training and education on campus on sexual assault, stalking and partner violence to reduce violence, increase victim safety and ensure perpetrator accountability.	
National Endowment for the Humanities/Natl. Fndn. on the Arts & Humanities	\$200,000
<u>Digital Access to Hawaii Newspapers 1880-1922</u>	
Joan Hori	Library
The project will digitize (image, convert to text, and mark-up) and submit to the Library of Congress National Digital Newspaper Project important English language newspapers that have historically provided statewide (and prior to annexation to the United States, country wide) coverage and which have had significant influence on the archipelago.	
National Sea Grant College Program	\$50,000
<u>Insular Pacific Regional Research, Information Planning and Coordination</u>	
E Gordon Grau	Sea Grant College Program
Develop a regional research and information plan for the insular Pacific by utilizing UH Sea Grant's capabilities to facilitate discussions among the broad range of insular Pacific stakeholders to help identify and prioritize critical resource management problems and associated research and information needs necessary for practical solutions.	
Small Business Administration	\$539,556
<u>Small Business Development Center</u>	
William Carter	Chancellor, University of Hawaii at Hilo-UHH

Gifts, Grants, and Contracts for September 2008

Non-Research

Federal Agencies

USAID \$299,954

AHEED: Albania/Hawaii Higher Education and Economic Development Project: Increasing Institutional Capacity in Agricultural Economics

Catherine Chan-Halbrendt Department of Natural Resources and Environmental Management

To increase faculty and extension staff capacity to teach Masters degree program in agricultural economics and be effective in transferring agricultural economics skills to assist farmers and the food sector in Albania. The faculty will be from the Agricultural University in Albania and the extension staff will be from the Ministry of Agriculture.

Foreign

Government of American Samoa \$545,512

Provide Technical Assistance for the Division of Special Education

Robert A Stodden Center on Disability Studies

Provide a variety of services and activities related to the development and delivery of University of Hawaii special education course work specifically designed for special education teachers to obtain their B.Ed in elementary education with a certification in special education.

Hawaii- Business and Other

Damien Memorial School \$40,644

University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program-Damien Memorial School

Iris F Kimura Kinesiology and Leisure Science Department

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

Damien Memorial School \$42,274

University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program-Damien Memorial School

Iris F Kimura Kinesiology and Leisure Science Department

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

Hawaii Council for the Humanities \$8,378

Kennedy Theatre Page to Stage 2008-2009

Lurana D O'Malley Department of Theatre and Dance

Page to Stage 2008-2009 programming linking Kennedy Theatre production of Shakespeare's Macbeth and Brian Friels's Translations to othe UHM departments and the community.

Kamehameha Schools \$43,210

2008 Summer Career Exploration Program

Sharon Narimatsu Chancellor, Leeward Community College

Provide high school students the opportunity to explore a field that they may be interested in pursuing by enrolling in a 60-hour elective credit course during the summer.

Gifts, Grants, and Contracts for September 2008

Non-Research

Hawaii- Business and Other

<p>Malama Kahalawai Inc <u>Implementation of the West Maui Mountains Watershed Management Plan & Rare Species Protection for Wailuku Water Company Lands</u> David C Duffy</p>	<p>Department of Botany</p> <p>Reduce and reverse damage done by feral ungulates and mountain bikers from cutting trails into protected forest reserves in Wailuku.</p>	<p>\$100,992</p>
<p>Olelo Community Television <u>University of Hawaii - Supplemental Projects 2007</u> Hae K Okimoto</p>	<p>Department of Information Technology Management</p> <p>Produce courses and programs for the public access channel, Oceanic 55.</p>	<p>\$454,751</p>
<p>Olelo Community Television <u>Hawaii Educational Networking Consortium (HENC)</u> David K Lassner</p>	<p>Department of Information Technology Management</p> <p>To provide oversight of the two educational access cable television channels (channel 55 and 56) provided for accredited education on Oahu.</p>	<p>\$40,000</p>

Hawaii- Government Agencies

<p>City and County of Honolulu <u>Elderly Affairs Division Legal Services Program</u> James H Pietsch</p>	<p>William Richardson School of Law</p> <p>Provide legal services to socially and economically elders 60 years old and older.</p>	<p>\$119,074</p>
<p>City and County of Honolulu <u>Hanauma Bay Education Program 2008-12</u> Darren K Okimoto</p>	<p>Sea Grant College Program</p> <p>To provide technical and professional services to develop and manage and educate and interpretative program for the Hanauma Bay Nature Preserve.</p>	<p>\$482,407</p>
<p>County of Hawaii <u>Production of a Video: Guava Production, Cycling for Constant Fruit Production</u> Melvin S Nishina</p>	<p>College of Tropical Agriculture and Human Resources</p> <p>The grant is to allow the production an educational video to show how to cycle guava trees to insure year round fruit production. The video will cover the entire process from pruning to harvest; including pruning, fertilizing and a discussion on common insects and diseases.</p>	<p>\$5,000</p>
<p>County of Hawaii <u>Hilo Bay Wayfinding & Navigation Festival</u> Rose Tseng</p>	<p>Chancellor, University of Hawaii at Hilo-UHH</p>	<p>\$10,000</p>

Gifts, Grants, and Contracts for September 2008

Non-Research

Hawaii- Government Agencies

DLNR-Division of Aquatic Resources	\$5,759
<u>Development and Training of a Local Team for Rapid Response of Events of Coral Bleaching or Disease on the Reefs of Hawaii</u>	
Greta S Aeby	Hawaii Institute of Marine Biology
The goal of the project is to assemble, train, and equip a local team for rapid response for events of coral bleaching or disease in Hawaii. A response team is needed to provide assessments regarding the extent and impact of events and recommendations for mitigation.	
Hawaii-Dept of Education	\$80,445
<u>Provide Kauai Teachers a Masters of Education & Dual Certification Program</u>	
Neil A Pateman	College of Education
To offer a Secondary Master of Education in Curriculum Studies to teachers wishing to specialize in science or mathematics education.	
Hawaii-Dept of Education	\$75,000
<u>Statewide Improvement Grant Part II</u>	
Robert A Stodden	Center on Disability Studies
Provide specialty areas of expertise, material, product and web site development to support demonstration, replication, and information dissemination activities. Responsible to coordinate and complete evaluation activities; production, development and dissemination of information and materials; monitor electronic communication systems and websites.	
Hawaii-Dept of Health	\$282,685
<u>Graduate Assistant Research and Evaluation Project</u>	
Charles Mueller	Department of Psychology
Psychology Department and Department of Health Child and Adolescent Mental Health Division (DOH-CAMHD) collaborate to provide research and evaluation training for graduate psychology students.	
Hawaii-Off of Hawaiian Affairs	\$325,000
<u>Aha Opio Alakai FY 09</u>	
David K Sing	Vice Chancellor for Student Affairs-UHH
Hawaii-Off of Hawaiian Affairs	\$1,048,800
<u>Na Pua Noeau FY 2009</u>	
David K Sing	Vice Chancellor for Student Affairs-UHH
Kaululani Urban and Community Forestry Grant Program	\$4,999
<u>Acquisition of Embossing Machine for Labeling Plant Collection</u>	
Christopher Dunn	Lyon Aboretum
The Arboretum has over 12,500 plants in the plant collection, most of which are not labeled. Acquiring an embossing machine would give us the opportunity to attach essential information to trees, thereby providing greater value for staff, researchers, and the community, and helping us meet our mission and vision.	

Gifts, Grants, and Contracts for September 2008

Non-Research

Hawaii- Health Organizations

Elam Sports Oahu \$17,374

UHM Advanced Athletic Training Graduate Assistantship Program - Elam Sports

Iris F Kimura Kinesiology and Leisure Science Department

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

Kapiolani Medical Specialists \$21,137

UHM - Advanced Athletic Training Graduate Assistantship Program - Kapiolani Medical

Iris F Kimura Kinesiology and Leisure Science Department

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

Kapiolani Medical Specialists \$20,322

UHM - Advanced Athletic Training Graduate Assistantship Program - Kapiolani Medical

Iris F Kimura Kinesiology and Leisure Science Department

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

Hawaii- Non-Profit Organizations

Hawaii Assoc of Independent Schools \$8,000

Hawaii Educational Networking Consortium (HENC)

David K Lassner Department of Information Technology Management

HENC serves to coordinate and advance education and research networks in the State of Hawaii.

Oahu Resource Conservation and Development \$16,000

Agribusiness Training Guidebook

Charles M Kinoshita College of Tropical Agriculture and Human Resources

Consolidate available training information for farmers into a guidebook that covers basic agribusiness, financing, marketing, regulations, and agency services.

PAC 5 \$34,748

UHM Advanced Athletic Training Graduate Assistantship Program - Pac 5

Iris F Kimura 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/sports medicine practice.

PAC 5 \$33,410

UHM Advanced Athletic Training Graduate Assistantship Program - Pac 5

Iris F Kimura 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/sports medicine practice.

Gifts, Grants, and Contracts for September 2008

Non-Research

Hawaii- Non-Profit Organizations

<p>Tri-Isle Resource Conservation & Development Council</p> <p><u>Support for the Maui County Invasive Species Committee Project: Miconia Containment</u></p> <p>David C Duffy Department of Botany</p> <p>Prevent, control and eradicate the most serious invasive species threats in the county of Maui, focusing heavily on Miconia calvescens.</p>	<p>\$230,000</p>
<p>Univ of Hawaii Foundation</p> <p><u>Hawaii War Records Depository</u></p> <p>Janet K Zastrow Library</p> <p>Hire a project archivist who will be responsible for the appraisal, arrangement, and intellectual description of approximately 224 linear feet of manuscripts, phonographs, discs, and microfilm in the HWRD Collection.</p>	<p>\$46,811</p>
<p>Univ of Hawaii Foundation</p> <p><u>Capturing the Momentum: P3 Initiative</u></p> <p>April Housman Ka Haka'Ula O Ke'Elilikalani-UHH</p>	<p>\$89,550</p>
<p>Univ of Hawaii Foundation</p> <p><u>Lyon Arboretum General Operating Account</u></p> <p>Christopher Dunn Lyon Aboretum</p> <p>To support the general operations of the Lyon Arboretum. Services provided include the maintenance of the facilities and grounds by student assistants, printing of newsletters and other publications, purchasing of field and office supplies, and other services that may be required.</p>	<p>\$5,000</p>
<p>Univ of Hawaii Foundation</p> <p><u>Luce Foundation East Asian Archeology and Early History Initiative</u></p> <p>Miriam T Stark Department of Anthropology</p> <p>This agreement between University of Hawaii Foundation [via Luce Foundation] and University of Hawaii shall be initiated from UHF Account # 125-0030-4 to accommodate salary and fringe benefit expenses for University of Hawaii employee, Tianlong Jiao, whose job description is Assistant Professor (0.25% Asian Archeologist).</p>	<p>\$10,758</p>
<p>Univ of Hawaii Foundation</p> <p><u>P-20 Expenditures</u></p> <p>Linda K Johnsrud College of Education</p> <p>To pay for salary and fringe cost for P-20 staff to provide event coordination support work and communicate with the partner organizations involved in the P-20 Initiative.</p>	<p>\$10,000</p>
<p>Univ of Hawaii Foundation</p> <p><u>Lyon Arboretum Internship Program</u></p> <p>Christopher Dunn Lyon Aboretum</p> <p>To support the Lyon Arboretum Internship Program.</p>	<p>\$12,000</p>

Gifts, Grants, and Contracts for September 2008

Non-Research

Mainland- Business and Other

Space Telescope Science Institute \$96,231
Directly Detecting and Analyzing the First Self-Luminous Exoplanets Around Sunlike Stars
 Michael C Liu Institute for Astronomy
 Directly measuring colors, spectra, and luminosities will provide direct constraints on the temperatures and compositions of these objects, as well as clearly testing model predictions.

Mainland- Health Organizations

American Heart Association \$2,000
Student Scholarship in Cardiovascular Disease & Stroke
 Ralph Victor Shohet Department of Medicine
 Student Scholarship in Cardiovascular Disease & Stroke.

Mainland- Non-Profit Organizations

American Society for Engineering Education \$21,910
SMART Defense Scholarship for Thomas Ryan Swindle
 Joshua E Barnes Institute for Astronomy
 The SMART Program pays full tuition and mandatory fees for Thomas Ryan Swindle, made on behalf of the Department of Defense (DoD) by the American Society for Engineering Education (ASEE).

Haereticus Environmental Laboratory \$3,840
Belize Rainy Season Samples
 Gary Kent Ostrander Chancellor, University of Hawaii at Manoa
 Analysis of Belize rainy season samples. Extraction of fish and conch samples, and analysis for target analytes using gas chromatography, mass spectrometry analysis.

Miscellaneous

Center for Tropical and Subtropical Aquaculture (CTSA) \$8,500
Pacific Regional Aquaculture Information Service for Education (PRAISE) and Publications, Year 1--Publications Components
 Andrew G Hashimoto College of Tropical Agriculture and Human Resources
 Supply educators, industry members, and other key individuals in Hawaii and the American Insular Pacific with timely and relevant information, using the Internet, traditional print formats, and other media. Update this aquaculture community on the progress of projects supported by CTSA and other Regional Aquaculture Centers. Deliverables include a quarterly newsletter.

International Union of Nutritional Sciences \$1,000
Financial Duties for the International Union of Nutritional Sciences (IUNS)
 Laurence N Kolonel Cancer Research Center
 Send annual dues notices to approximately 80 countries that are Adhering Bodies (ABs) of IUNS; Receive & deposit dues from ABs and sent receipts; Communicate as needed with ABs regarding overdue dues; Disperse funds as directed by Treasurer (Dr. S. Murphy); Maintain accurate financial records for IUNS & provide a final report of expenditures.

Gifts, Grants, and Contracts for September 2008

Non-Research

National Aeronautics and Space Administration

National Aeronautics & Space Administration \$30,000

Connecting and Constraining Data-Driven Solar Atmosphere Models Through Observations: Studying EUV Emission in Realistic Flare-CME Environments -

Iliia I Roussev Institute for Astronomy

This project aims to include the important physics of Extreme Ultraviolet emission into a global 3D model of the solar atmosphere. This improved model will be used to best constrain observable properties of the corona as well as initiation mechanisms and subsequent evolution of solar flares and Coronal Mass Ejections.

National Aeronautics & Space Administration \$330,000

The Hawaii Space Grant Consortium: Educating the New NASA Workforce

Luke Paul Flynn Hawaii Institute of Geophysics and Planetology

The proposed effort outlines the goals carried out by the Hawaii Space Grant Consortium to support NASA science education and workforce development activities.

National Aeronautics & Space Administration \$250,000

The Hawaii NASA EPSCoR Program: Educating the New NASA Workforce

Luke Paul Flynn Hawaii Institute of Geophysics and Planetology

This proposal details workforce development activities that will result in training for students, faculty, and staff working with the Hawaii Space Flight Lab.

National Aeronautics & Space Administration \$30,000

Thermal Histories of Small Bodies in the Solar System

Eric J. Gaidos Department of Geology and Geophysics

This is an observational and theoretical project to investigate the thermal processes that affected planet-building material in the early Solar System.

National Science Foundation

National Science Foundation \$650,000

FIRE UP (Faculty Integration, Research, and Engagement in Urban Polynesia)

Leon Richards Chancellor, Kapiolani Community College

Project funds will support the training and professional development of 20 Science, Technology, Engineering, and Math faculty and the integration of pedagogical innovations into the STEM program as it is institutionalized at KCC.

National Science Foundation \$1,553,213

University of Hawaii Ship Operation 2005-2009

Brian Taylor Department of Geology and Geophysics

Continuation of NSF-Funded Operations of R/V Kilo Moana.

National Science Foundation \$49,999

Pacific Ocean Literacy for Youth, Publics, Professionals and Scientists (POLYPPS)

Patricia A Cooper School of Ocean and Earth Science and Technology

Training educators and scientists to effectively communicate ocean sciences to a multi-ethnic population expressing a range of cultural contexts. POLYPPS is a collaboration whose partners include universities, community colleges, research institutes, professional societies, aquariums, museums, community organizations, government agencies and private companies.

Gifts, Grants, and Contracts for September 2008

Non-Research

US Colleges and Universities

University of Southern California		\$40,000
<u>Probability Elicitation BMI Bioterrorism</u>		
Stephen C Hora	College of Business and Econ-UHH	

Utah State University		\$2,000
<u>Hawaii Natural Farming Swine Tour</u>		
Michael W Duponte	Department of Human Nutrition, Food and Animal Sciences	
Swine farm and feed processing plant tour.		

Subcount:	105		Subtotal:	\$19,302,621
Count:	<u>241</u>		Total:	<u>\$52,607,662</u>

Funds Received from UH Foundation for 09/01/2008 - 09/30/2008

Non-Research

Hawaii- Non-Profit Organizations

<p>Univ of Hawaii Foundation "Lyon Arboretum General Operating Account" Dunn, Christopher Lyon Aboretum To support the general operations of the Lyon Arboretum. Services provided include the maintenance of the facilities and grounds by student assistants, printing of newsletters and other publications, purchasing of field and office supplies, and other services that may be required.</p>	<p>\$5,000</p>
<p>Univ of Hawaii Foundation "Lyon Arboretum Internship Program" Dunn, Christopher Lyon Aboretum To support the Lyon Arboretum Internship Program.</p>	<p>\$12,000</p>
<p>Univ of Hawaii Foundation "Capturing the Momentum: P3 Initiative" Housman, April Ka Haka'Ula O Ke'Elikolani-UHH</p>	<p>\$89,550</p>
<p>Univ of Hawaii Foundation "P-20 Expenditures" Johnsrud, Linda K College of Education To pay for salary and fringe cost for P-20 staff to provide event coordination support work and communicate with the partner organizations involved in the P-20 Initiative.</p>	<p>\$10,000</p>
<p>Univ of Hawaii Foundation "Luce Foundation East Asian Archeology and Early History Initiative" Stark, Miriam T Department of Anthropology This agreement between University of Hawaii Foundation [via Luce Foundation] and University of Hawaii shall be initiated from UHF Account # 125-0030-4 to accommodate salary and fringe benefit expenses for University of Hawaii employee, Tianlong Jiao, whose job description is Assistant Professor (0.25% Asian Archeologist).</p>	<p>\$10,758</p>
<p>Univ of Hawaii Foundation "Hawaii War Records Depository" Zastrow, Janet K Library Hire a project archivist who will be responsible for the appraisal, arrangement, and intellectual description of approximately 224 linear feet of manuscripts, phonographs, discs, and microfilm in the HWRD Collection.</p>	<p>\$46,811</p>

Research

Hawaii- Non-Profit Organizations

<p>Univ of Hawaii Foundation "Human Papillomavirus (HPV) Infection and Barriers to Cervical Cancer control in American Samoa" Hernandez, Brenda Y Cancer Research Center The Specific Aims of this pilot project are to determine the feasibility of conducting a survey on the prevalence of cervical HPV infection among females 18+ in American Samoa, and to develop and pilot a KAP (knowledge, attitudes, practices) survey in English and Samoan languages to evaluate</p>	<p>\$38,533</p>
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Funds Received from UH Foundation for 09/01/2008 - 09/30/2008

Research

Hawaii- Non-Profit Organizations

effectiveness of HPV vaccination and Pap smear screening in American Samoa.

Count: 7

Total: \$212,652

**Extramural Research Awards
for the Month of
September 2008
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	17	\$1,919,184	5.76%
DHHS-Dept of Health and Human Services	15	\$11,852,144	35.59%
DOC-Dept of Commerce	23	\$11,202,835	33.64%
DOD-Department of Defense	4	\$2,481,350	7.45%
DOE-Dept of Energy	4	\$869,754	2.61%
DOI-Dept of Interior	12	\$1,221,028	3.67%
Foreign	1	\$4,364	0.01%
Hawaii- Business and Other	3	\$108,819	0.33%
Hawaii- Government Agencies	10	\$1,467,313	4.41%
Hawaii- Health Organizations	2	\$50,076	0.15%
Hawaii- Non-Profit Organizations	3	\$154,533	0.46%
Mainland- Business and Other	11	\$376,800	1.13%
Mainland- Health Organizations	2	\$29,450	0.09%
Mainland- Non-Profit Organizations	3	\$172,877	0.52%
National Aeronautics and Space Administration	7	\$124,503	0.37%
National Science Foundation	13	\$557,630	1.67%
US Colleges and Universities	6	\$712,381	2.14%
Total:	<u>136</u>	<u>\$33,305,041</u>	<u>100%</u>

**Extramural Non-Research Awards
for the Month of
September 2008
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	4	\$1,766,812	9.15%
DHHS-Dept of Health and Human Services	5	\$1,117,399	5.79%
DOC-Dept of Commerce	1	\$36,264	0.19%
DOD-Department of Defense	3	\$266,550	1.38%
DOI-Dept of Interior	21	\$722,750	3.74%
ED-Dept of Education	15	\$4,514,574	23.39%
Federal Agencies	8	\$3,539,539	18.34%
Foreign	1	\$545,512	2.83%
Hawaii- Business and Other	7	\$730,249	3.78%
Hawaii- Government Agencies	11	\$2,439,169	12.64%
Hawaii- Health Organizations	3	\$58,833	0.30%
Hawaii- Non-Profit Organizations	11	\$496,277	2.57%
Mainland- Business and Other	1	\$96,231	0.50%
Mainland- Health Organizations	1	\$2,000	0.01%
Mainland- Non-Profit Organizations	2	\$25,750	0.13%
Miscellaneous	2	\$9,500	0.05%
National Aeronautics and Space Administration	4	\$640,000	3.32%
National Science Foundation	3	\$2,253,212	11.67%
US Colleges and Universities	2	\$42,000	0.22%
Total:	<u>105</u>	<u>\$19,302,621</u>	<u>100%</u>

**Extramural Research Awards
Year to Date: 07/01/08 - 09/30/08
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	50	\$5,549,852	6.65%
DHHS-Dept of Health and Human Services	41	\$22,445,786	26.91%
DOC-Dept of Commerce	45	\$18,926,059	22.69%
DOD-Department of Defense	12	\$3,403,500	4.08%
DOE-Dept of Energy	8	\$1,465,021	1.76%
DOI-Dept of Interior	21	\$2,202,155	2.64%
Foreign	4	\$2,458,114	2.95%
Hawaii- Business and Other	8	\$578,425	0.69%
Hawaii- Government Agencies	33	\$5,318,948	6.38%
Hawaii- Health Organizations	7	\$125,064	0.15%
Hawaii- Non-Profit Organizations	17	\$669,231	0.80%
Mainland- Associations, Foundations, Societies, etc.	1	\$23,193	0.03%
Mainland- Business and Other	34	\$2,576,363	3.09%
Mainland- Health Organizations	4	\$69,450	0.08%
Mainland- Non-Profit Organizations	5	\$274,652	0.33%
National Aeronautics and Space Administration	34	\$2,551,027	3.06%
National Science Foundation	54	\$13,678,298	16.40%
US Colleges and Universities	15	\$1,083,935	1.30%
Total:	<u>393</u>	<u>\$83,399,073</u>	<u>100%</u>

Extramural Non-Research Awards
Year to Date: 07/01/08 - 09/30/08
Distribution by Sponsors

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	9	\$2,728,051	4.42%
DHHS-Dept of Health and Human Services	14	\$3,412,101	5.52%
DOC-Dept of Commerce	4	\$406,211	0.66%
DOD-Department of Defense	5	\$1,058,889	1.71%
DOI-Dept of Interior	25	\$1,008,193	1.63%
ED-Dept of Education	56	\$25,630,108	41.50%
Federal Agencies	10	\$3,591,539	5.81%
Foreign	3	\$655,006	1.06%
Hawaii- Business and Other	18	\$1,449,851	2.35%
Hawaii- Government Agencies	56	\$10,524,146	17.04%
Hawaii- Health Organizations	8	\$398,469	0.65%
Hawaii- Non-Profit Organizations	34	\$2,246,712	3.64%
Mainland- Business and Other	3	\$223,172	0.36%
Mainland- Health Organizations	1	\$2,000	0.00%
Mainland- Non-Profit Organizations	4	\$138,729	0.22%
Miscellaneous	2	\$9,500	0.02%
National Aeronautics and Space Administration	5	\$1,928,027	3.12%
National Science Foundation	9	\$4,890,122	7.92%
US Colleges and Universities	10	\$1,462,913	2.37%
Total:	<u>276</u>	<u>\$61,763,739</u>	<u>100%</u>