

Gifts, Grants, and Contracts for November 2010

The following gifts, grants and contracts received by all campuses during the period November 1, 2010 through November 30, 2010 total \$13,794,881. The unofficial FY 2011 year-to-date total is: \$308,574,186.

Research

DA-Dept of Agriculture

Agriculture, Dept - Natl Institute of Food and Agriculture \$258,449

Ecology, Toxicology, and Management of Madagascar Fireweed (Senecio madagascariensis Poiret) in Topical and Sub-tropical Rangelands

Thorne, Mark S

Department of Human Nutrition, Food and Animal Sciences

This project will investigate the role of condensed tannins in binding pyrrolizidine alkaloids found in fireweed; we will determine the threshold density of fireweed within pastures that result in increased consumption of fireweed by cattle; determine the dose-dependent toxicity of fireweed in cattle and the ability of CT to bind PAs.

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept/ACF - Adm for Native Amer \$88,447

Ko`olau Hawaiian Language Assessment

Moore, Peter

Chancellor, Windward Community College

Assess status of endangerment (number and age of speakers, environments where language is used, resources available etc.) of the Ko`olau Community, as well as their desires and needs for revitalization.

DOC-Dept of Commerce

Commerce, Dept/NOAA - National Ocean Service (NOS) \$38,650

Enhancing Socioeconomic Monitoring to Support Conservation of Coral Reef and Near Shore Resources in Thailand

Anderson, Cheryl

Social Science Research Institute

The proposed project will build the socioeconomic monitoring capacities of the local stakeholders through workshop and field training based on Socioeconomic Monitoring Guidelines for Coastal Managers in Southeast Asia (SocMon SEA), and conduct socioeconomic assessment at 3 sites in Thailand.

DOD-Department of Defense

Defense, Dept - Army \$67,257

Rare Plant Propagation and Database Management

Kaneshiro, Kenneth Y

Pacific Biosciences Research Center

Provide personnel, management, transportation, etc. to propagate rare native Hawaiian Plants and provide database management services to the Army DPW Natural Resources Program on the Island of Oahu.

Defense, Dept - Office of Naval Research \$30,000

Enhanced Tactical Fuel Design: Fundamental Combustion Studies of Boron Nanoparticle Multi-component Fuel (University of Hawaii Component)

Masutani, Stephen M

Hawaii Natural Energy Institute

Investigation of the combustion characteristics of a slurry comprising a mixture of a liquid fuel and coated boron nanoparticles to enhance energy content.

Federal Agencies

Homeland Security, Dept - FED \$970,000

The National Center for Island, Maritime and Extreme Environment Security (CIMES)

Gaines, James R

Vice President for Research

The goal of this Center of Excellence is to develop leading-edge, multi-institutional, focused education and basic research program capable of delivering the scientific advances necessary to permit revolutionary improvements in America's ability to protect its citizens, infrastructure, economy, and environment in the Maritime, Remote Island, and Extreme Environment domain.

Gifts, Grants, and Contracts for November 2010

Research

Foreign \$155,000

Binational Agriculture Rsch & Dev (BARD) - Israel

Gastrointestinal Osmoregulatory Activity in Tilapia and its Effects on Growth, an Opportunity for Fish Diet Developments

Grau, E Gordon Hawaii Institute of Marine Biology

Tilapias are the most important fish cultured in Israel and one of the fastest growing aquaculture industries in the U. S. The goals of this project are to understand the role and function of the gastrointestinal track in fresh water osmoregulation and to develop dietary means to enhanced productivity.

Hawaii- Business and Other

Ohu 'Olu Ko'olau, Inc. \$58,540

Oahu Forest National Wildlife Refuge - Eradication of Incipient Populations of Invasive Plants

Morden, Clifford W Department of Botany

Remove incipient weeds from Oahu Forest National Wildlife Refuge and collect GIS data on their locations.

Puna Geothermal Venture \$43,949

Geodetic Surveys, Kilauea Volcano

Anderson, James L Chemistry-UHH

Hawaii- Government Agencies

Business, Econ Dev & Tourism, Dept - Ofc of Planning-HI \$94,000

Assessment of Stormwater, Drainage and Erosion Impact Methodology

Juvik, James O Social Sciences-UHH - Division Office

Propose pragmatic guidelines for EIS preparers that incorporate lessons learned from case studies and incorporate state of the art best practices relating to stormwater infiltration and runoff impacts as they affect the quality of groundwater, surface water, and nearshore coastal waters.

Hawaiian Home Lands, Dept - HI \$8,487

DHHL Gorse Control Project

Leary, James Department of Natural Resources and Environmental Management

The project objective is to develop a strategy for eradicating gorse from Kahikinui on the island of Maui. I will be coordinating with the Leeward Haleakala Watershed Partnership.

Gifts, Grants, and Contracts for November 2010

Research

Hawaii- Government Agencies

Health, Dept - Alcohol & Drug Abuse Div-HI	\$61,390
<u>State Prevention Framework Incentive Grant (SPF SIG) Epidemiology</u>	
Nigg, Claudio R	Department of Public Health Sciences and Epidemiology
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.	
Human Services, Dept - HI	\$5,792
<u>Money Follow the Person - Going Home Plus</u>	
Ozaki, Rebecca S	Center on Disability Studies
Community planning to implement the going home plus grant.	
Human Services, Dept - HI	\$271,008
<u>Money Follow the Person - Going Home Plus</u>	
Ozaki, Rebecca S	Center on Disability Studies
Community planning to implement the going home plus grant.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$70,229
<u>Natural Area Reserves Management: Maui</u>	
Duffy, David C	Department of Botany
Research and manage endangered species in their protected habitats in the state's natural are reserves with a focus on the native ecosystem and species diversity.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$32,000
<u>Waianae Mountains Planning and Management</u>	
Morden, Clifford W	Department of Botany
Coordinate the creation of a Waianae watershed partnership, including the establishment of a partnership of landowners and development of a conservation plan.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$111,412
<u>Natural Area Reserves Management</u>	
Duffy, David C	Department of Botany
Research and manage endangered species in their protective habitats in the state's natural area reserves with a focus on the native ecosystem and species diversity.	
Land & Natural Res, Dept - HI	\$65,112
<u>Natural Area Reserves Management: Oahu</u>	
Duffy, David C	Department of Botany
Research and manage endangered species in their protective habitats in the state's natural area reserves with a focus on the native ecosystem and species diversity.	
Transportation, Dept - HI	\$10,000
<u>Application of Recycled Materials in Highway Projects</u>	
Ooi, Phillip S.K.	Department of Civil and Environmental Engineering
Study the feasibility and develop guidelines and procedures on the use of recycled glass, recycled concrete aggregate and reclaimed asphalt pavement for use in highway projects.	

Gifts, Grants, and Contracts for November 2010

Research

Hawaii- Non-Profit Organizations

HCF-Leahi Fund		\$50,000
<u>Role of Tumor Necrosis Factor (TNF) Signaling in Chrysotile-Asbestos Induced Mesothelioma</u>		
Gaudino, Giovanni	UH Cancer Center	
Recently we found that exposure to chrysotile in vitro activates the B-catenin pathway, via the inflammatory cytokine TNF-a and its receptor RII. This proposal aims at clarifying how TNF-a/RII susceptibility of single individuals may determine mesothelioma development.		
Tri-Isle Resource Conservation & Dev Council		\$87,868
<u>Natural Resources Management in Kapunakea Preserve, West Maui</u>		
Morden, Clifford W	Department of Botany	
Conduct research and monitoring of rare native plants and conduct management and control of invasive species in the Kapunakea Preserve in West Maui.		
Tri-Isle Resource Conservation & Dev Council		\$70,503
<u>East Maui Watershed Protection</u>		
Morden, Clifford W	Department of Botany	
Conduct applied conservation research and management to protect the native rain forests in East Maui's Watershed.		
World Turtle Trust		\$77,600
<u>Hawaii Island Hawksbill Turtle Recovery Project</u>		
Duffy, David C	Department of Botany	
Manage and protect the endangered Hawksbill sea turtle by projecting and restoring its nesting habitat on the Big Island.		

Mainland- Business and Other

AmericaView		\$25,000
<u>StateView Program Development and Support for the State of Hawaii</u>		
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.		
Smithsonian Astrophysical Observatory		\$78,000
<u>CDFS 4 Msec Stacking: Tracing the History of Obscured Black Hole Accretion</u>		
Treister, Ezequiel	Institute for Astronomy	
Take advantage of the 4 Msec CDFS Chandra Observations to trace the black hole accretion history of the Universe by stacking samples of individually undetected galaxy populations.		

Miscellaneous

Arizona Geological Survey		\$215,987
<u>Hawaii Contribution to the National Geothermal Data System</u>		
Thomas, Donald M	Hawaii Institute of Geophysics and Planetology	
Recover surviving legacy geothermal resources data and enter that data into a web accessible national geothermal database system and maintain a local geothermal data base with all recovered Hawaii geothermal data.		

Gifts, Grants, and Contracts for November 2010

Research

National Aeronautics and Space Administration

National Aeronautics & Space Administration \$300,000

A NEO Search Program Using the Pan-STARRS PS1 Telescope

Jedicke, Robert Institute for Astronomy

Support of the PS1 Telescope operation and MOPS project on Haleakala for the NASA Near Earth Object Search Program.

National Aeronautics & Space Administration \$108,267

An Investigation of Lunar Dark Mantle Deposits using LROC Data

Hawke, Bernard Ray Hawaii Institute of Geophysics and Planetology

This is a proposal to be a Lunar Reconnaissance Orbiter Participating Scientist.

National Aeronautics & Space Administration \$101,692

Investing Midlatitude Ocean and Climate Dynamics using Satellite Altimetry and Modeling Analysis

Qiu, Bo Department of Oceanography

Characterize and understand the nature and causes of the large-scale fluctuations in the midlatitude North and South Pacific Oceans on time scales from interannual to decadal.

National Aeronautics & Space Administration \$142,822

Dynamics of Anisotropic Mean and Time-varying Structures of Ocean Circulation

Maximenko, Nikolai A Department of Oceanography

Satellite data, in situ observations, and outputs of advanced numerical models will be used jointly to study the dynamics of anisotropic mesoscale stationary and propagating jet-like structures recently discovered in the upper ocean.

National Aeronautics & Space Administration \$108,698

Aquarius Salinity Calibration, Error Quantification, Signal-to-Noise Analyses, and Resolution Studies Using Historical and Concurrent Data

Maximenko, Nikolai A Department of Oceanography

The project will use the Aquarius mission to provide the best possible product, to characterize the space-time variability of salinity fronts, to quantify and improve the accuracy and signal-to-noise characteristics of both gridded and along-track products, and to assess the value of Aquarius with respect to existing observations.

National Aeronautics & Space Administration \$167,082

Lunar Paleomagnetism

Fuller, Michael D Hawaii Institute of Geophysics and Planetology

Investigation of magnetism of lunar samples to determine whether there is a lunar core.

National Aeronautics & Space Administration \$675,889

The NASA Infrared Telescope Facility: Mission Support and Solar System Observations

Tokunaga, Alan Institute for Astronomy

We propose to provide NASA with observations and research data aimed at providing support of spacecraft missions and basic research in support of the Planetary Astronomy program.

Gifts, Grants, and Contracts for November 2010

Research

National Science Foundation

National Science Foundation \$93,063
Cone-forming Explosive Eruptions of Basalt Magma: Etna, Kilauea, Stromboli
Houghton, Bruce F. Department of Geology and Geophysics
This proposal examines the complex range of volcanic explosions recorded at the classical basaltic volcanoes of Etna, Kilauea and Stromboli. It looks to tie observations of recent eruptions to the properties of the deposits and models for the processes of eruption.

US Colleges and Universities

Alaska, University of \$65,000
Operational Support of Infrasond Station I59US of the International Monitoring System (IMS)
Garces, Milton A Hawaii Institute of Geophysics and Planetology
Operate, maintain and upgrade/sustain the I59 infrasond site in Hawaii.

Alaska, University of \$157,427
Proposal for Post-Certification Activities at IMS Stations I39PW, Palau and I52GB, Diego Garcia (I52GB, Diego Garcia)
Garces, Milton A Hawaii Institute of Geophysics and Planetology
Continued maintenance operation for Palau and Diego Garcia.

Alaska, University of \$157,490
Proposal for Post-Certification Activities at IMS Stations I39PW, Palau and I52GB, Diego Garcia (I39PW Palau)
Garces, Milton A Hawaii Institute of Geophysics and Planetology
Continued maintenance operation for Palau and Deigo Garcia.

Arizona State University \$14,000
Single and Multi-Layered Ejecta Craters: Characterization of Morphology and Assessment of Possible Mechanisms of Ejecta Emplacement
Boyce, Joseph M. Hawaii Institute of Geophysics and Planetology
The proposed investigation entitled Single and Multi-Layered Ejecta Craters: Characterization of Morphology and Assessment of Possible Mechanisms of Ejecta Emplacement continues to be to use existing THEMIS visible images data (and provided scientific guidance and encouragement for collection of new THEMIS image data.

California Irvine, University of \$96,732
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.

Illinois, University of \$100,000
Hybrid Masonry Connector Development and Testing
Robertson, Ian N Department of Civil and Environmental Engineering
This project is part of a larger NEESR project under Principal Investigator Daniel Abrams of the University of Illinois (UIUC). The scope of the UHM component of this overall research program is to develop and test steel-masonry connectors for use in the full-scale hybrid masonry panel tests to be performed at UIUC.

Gifts, Grants, and Contracts for November 2010

Research

US Colleges and Universities

Loma Linda University \$58,610

Use of Natural Language Processing to Identify Markers of Coping

Bantum, Erin UH Cancer Center

Monies requested will be used for salary support, wages for student assistants, travel, and research supplies. The Co-PI will be responsible primarily for creating a manual coding process to identify emotional expression, training coders, and monitoring reliability during the study.

Minnesota, University of \$600,000

Mechanisms of Ethnic Differences in Lung Cancer Due to Cigarette Smoking

Le Marchand, Loic UH Cancer Center

This study will examine genetic factors for ethnic differences in the metabolism of nicotine and tobacco carcinogens and its relation to the risk of lung cancer.

Yale University \$152,405

Integrated Experimental and Modeling Studies of Mineral Carbonation as a Mechanisms for Permanent Carbon Sequestration in Mafic/Ultramafic Rock

Johnson, Kevin T Department of Geology and Geophysics

Integrated experimental and modeling studies of mineral carbonation as a mechanism for permanent carbon sequestration in mafic/ultramafic rock. Experiments and field work on carbon sequestration in Hawaiian rocks.

Subcount: 43 Subtotal: \$6,143,857

Non-Research

DA-Dept of Agriculture

Agriculture, Dept - Risk Management Agency-FED \$100,000

Local Immigrant Farmer Education Program: Risk Management Training for Underserved Southeast Asian Growers of Hawaii

Sugano, Jari S K Department of Plant and Environmental Protection Sciences

The project will be conducting workshops and field demonstrations in regarding risk management tactics for the new immigrant farming communities. The trainings will be conducted on the islands of Maui, Oahu and Hawaii with extension agents and specialists in topics of crop protection and agribusiness management.

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) \$70,000

Regional Extension Network Support RMI

Grau, E Gordon Sea Grant College Program

Regional Extension Network Support in the Republic of the Marshall Islands.

DOD-Department of Defense

Defense, Dept - Army \$118,336

Instruction of Psychopharmacology at Tripler Army Medical Center

Fisher, Edward Chancellor, University of Hawaii at Hilo-UHH

Provide first year instruction/training for up to 10 students per class/cohort in clinical psychopharmacology for Tripler Army Medical Center

Gifts, Grants, and Contracts for November 2010

Non-Research

Dept of State

State, Dept - U.S. Agency for International Development (USAID) \$99,994

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

Chan-Halbrendt, Catherine

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

National Central University of Taiwan \$220,000

National Central University of Taiwan Support of Pan-STARRS 1 Development and Infrastructure

Chambers, Kenneth C

Institute for Astronomy

National Central University of Taiwan (NCU) will provide substantial funds from the National Science Council of Taiwan to support Pan-STARRS1 (PS1) system development, both prior to and beyond the Operational Readiness Review (ORR). The IFA will inform NCU of dates of PS1 Board meetings, consult with NCU in advance of such meetings, and will brief NCU on the outcomes.

Republic of Marshall Islands \$25,000

Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract From RMI MOH)

Palafox, Neal A

Department of Family Medicine and Community Health

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

Hawaii- Business and Other

Kamehameha Schools \$1,321,450

Kahuawaiola - Kamehameha Schools

Kawaiaea, Keiki K

Ka Haka'Ula O Ke'Elilikolani-UHH

Prepare teachers to teach in Hawaiian language medium schools, Hawaiian language and culture in English medium schools

Kamehameha Schools \$70,000

Get FIT - Culture-Based Teaching and Learning

Watts, Margit C

Curriculum Research and Development Group

This product will complement the work of the Manoa Partnerships Get FIT program by providing monies for extending the reach to the neighbor islands, developing a cultural teaching and learning component.

University of Hawaii Professional Assembly (UHPA) \$25,000

Release Time and Related University Expenses: Duane Stevens (President, UHPA)

Stevens, Duane Edwin

Department of Meteorology

Release time for service as University of Hawaii Professional Assembly President, 2009-2010.

Gifts, Grants, and Contracts for November 2010

Non-Research

Hawaii- Government Agencies

County of Maui	\$125,000
<u>Hawaii Business Research Library</u>	
Carter, William	Chancellor, University of Hawaii at Hilo-UHH
Support the operations of the Hawaii Business Research Library of the Hawaii Small Business Development Center Network	
County of Maui - Ofc of Economic Development	\$80,625
<u>UH-CTAHR Extension and Research Projects in Maui County FY2011</u>	
Keyser, Harold H	CTAHR Cooperative Extension Service
Conduct extension and applied research activities in Maui County by CTAHR Faculty that benefit the agricultural community, enhance the environment and promotes health communities.	
Hawaiian Affairs, Office of-HI	\$80,000
<u>Aha Opio Alakai Program 2011</u>	
Sing, David K	Vice Chancellor for Student Affairs-UHH
Leadership development opportunity program for Native Hawaiian youth and their families	
Land & Natural Res, Dept - HI	\$7,600
<u>DAR Urchin Internships, 2010</u>	
Hunter, Cynthia L.	Biology Program
Provide interns to assist with urchin husbandry.	
Transportation, Dept - HI	\$90,000
<u>State of Hawaii Vehicle Protection Studies</u>	
Kim, Karl E	Department of Urban and Regional Planning
Observational studies of seat belt, child restraint, helmet and truck bed use. Also, observational study examining the use of handheld cellular phone use by drivers. The project will design and implement a night time seat belt observation study to determine if there is a significant difference between day time and night belt use.	

Hawaii- Non-Profit Organizations

Coalition for a Drug Free Hawaii	\$27,500
<u>Performance Assessment of the Drug Free Community Project</u>	
Kameoka, Velma A	Department of Psychology
Purpose of this project is to assess the effectiveness of the DHHS-CCSAP Drug Free Community (DFC) project by designing and conducting performance assessments of DFC project-supported programs.	
Coalition for a Drug Free Hawaii	\$35,000
<u>Effectiveness of a Youth Alcohol Abuse & Suicide Prevention Program</u>	
Kameoka, Velma A	Department of Psychology
The purpose of this project is to test the effectiveness of the youth alcohol and suicide prevention program "Lifelines."	

Gifts, Grants, and Contracts for November 2010

Non-Research

Hawaii- Non-Profit Organizations

Pacific Resources for Education & Learning	\$23,000
<u>Mathematics and Culture in Micronesia: Integrating Societal Experiences (MACIMISE) Program Evaluation</u>	
Higa, Terry Ann	Curriculum Research and Development Group
Provide program evaluation for MACIMISE project.	
Robotics Organizing Committee, Hawaii	\$100,850
<u>The Makery Professional Development Workshop for Robotics</u>	
Scott, Neil G.	Curriculum Research and Development Group
Instructors from the Curriculum Research and Development Group Makery will train sixty teachers and coaches of team members involved with robotics competitions to use computer aided design, computer assisted manufacturing, and computer controlled machines to design and fabricate paths robots.	
Tri-Isle Resource Conservation & Dev Council	\$42,780
<u>Banana Bunchy Top Virus on Maui</u>	
Duffy, David C	Department of Botany
Eradicate banana bunchy top virus in known infected areas on Maui while containing the spread.	
Tri-Isle Resource Conservation & Dev Council	\$465,940
<u>Support for the Maui County Invasive Species Committee Project: FY 10</u>	
Duffy, David C	Department of Botany
Prevent, control and eradicate the most serious invasive species threats in the county of Maui, focusing heavily on Miconia calvescens.	
University of Hawaii Foundation	\$500
<u>Gendered Landscapes: Short Fiction by Modern and Contemporary Korean Women Writers</u>	
Kim, Yung-Hee	Department of East Asian Languages and Literatures
Pay for editorial assistant student salary.	
University of Hawaii Foundation	\$9,650
<u>East Asian Buddhism Professorship</u>	
Kipnis, Kenneth	Department of Philosophy
To pay for salary and fringe benefits to hire the East Asian Buddhist Professor as a lecturer in the Philosophy Dept./College of Arts & Humanities.	
University of Hawaii Foundation	\$33,000
<u>Center for Island Climate Adaptation and Policy</u>	
Burkett, Maxine	Sea Grant College Program
To provide support for activities relating to the Center for Island Climate Adaptation and Policy.	
University of Hawaii Foundation	\$5,000
<u>The Primal Quest</u>	
Herman, Louis G	Chancellor, University of Hawaii at West Oahu
\$5,000 in matching funds pledged from Doran Foundation for lecturer replacement for one course to enable work on completing book manuscript and developing film production "Primal Quest".	

Gifts, Grants, and Contracts for November 2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation \$33,775

Diagnostic Laboratory Services Medical Technology Fund

Teshima, Dick Y Department of Medical Technology

Diagnostic Services, Inc. has agreed to support an instructor in the Department of Medical Technology and provide for other administrative support.

University of Hawaii Foundation \$71,500

Clinical Laboratories of Hawaii Medical Technology Fund

Teshima, Dick Y Department of Medical Technology

Clinical Laboratories has agreed to support an instructor in the Department of Medical Technology and provide other administrative support.

Mainland- Non-Profit Organizations

Consortium for Ocean Leadership \$18,250

Hawaii Regional Ocean Sciences Bowl 2011

Johnson, Tara Hicks School of Ocean and Earth Science and Technology

Organize and host the 2011 Hawaii Regional Ocean Sciences Bowl in Honolulu

Donald W. Reynolds Foundation, The \$1,000,000

Reynolds Next Step Proposal

Masaki, Kamal H Department of Geriatric Medicine

To improve the ability of physicians to collaborate and communicate with other health disciplines as members of interdisciplinary teams to prevent, recognize, and manage acute and chronic overlapping medical and psychological problems of older individuals.

National Aeronautics and Space Administration

National Aeronautics & Space Administration \$2,500,000

FY 10 Earmark Request for Proposal (Imiloa)

Kimura, Leslie Chancellor, University of Hawaii at Hilo-UHH

Continue the development (and expansion) of projects that have been offered through the Imiloa Astronomy Education Center.

National Science Foundation

National Science Foundation \$508,159

REU Site: Undergraduate Research Experience in Tropical Conservation Science

Ostertag, Rebecca Natural Sciences-UHH

Program provides students from diverse audiences a quality cohort research experience through which they broaden their career and academic horizons, gain real scientific research skills, and develop an understanding of the issue and approaches to tropical conservation.

Gifts, Grants, and Contracts for November 2010

Non-Research

US Colleges and Universities

California Institute of Technology	\$108,115
<u>Witnessing Planet Formation in Circumstellar Transition Disks - Sagan Postdoctoral Fellowship - L. Cieza</u>	
Williams, Jonathan P.	Institute for Astronomy
We are now on the verge of being able to observe ongoing planet formation in primordial circumstellar disks. One of the main goals is to identify systems with strong evidence of ongoing planet formation in several nearby star-forming regions with Keck, the SMA, ALMA and Herschel.	
Gallaudet University	\$125,000
<u>Gallaudet University Regional Center-Hawaii & Pacific</u>	
Pagotto, Louise	Chancellor, Kapiolani Community College
Following the annual objectives for the GURC outlined by Gallaudet University, plan, implement, and evaluate educational outreach programs in Hawaii and nine Pacific jurisdictions. Attend directors' meetings as scheduled.	
Massachusetts, University of	\$85,000
<u>Consortium on Postsecondary Education for Students with Intellectual/Development Disabilities</u>	
Stodden, Robert A	Center on Disability Studies
Research and planning activities for the postsecondary education for students with intellectual/developmental disabilities program.	
Saddleback College	\$25,000
<u>"Rapid Tech" National Center for Rapid Technologies</u>	
Jennings, Michael	Chancellor, Honolulu Community College
Curriculum development in 3D Rapid Prototyping in architecture.	

Subcount:	34	Subtotal:	\$7,651,024
Count:	<u>77</u>	Total:	<u>\$13,794,881</u>

Funds Received from UH Foundation for 11/01/2010 - 11/30/2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation	\$33,000
"Center for Island Climate Adaptation and Policy"	
Burkett, Maxine	Sea Grant College Program
To provide support for activities relating to the Center for Island Climate Adaptation and Policy.	
University of Hawaii Foundation	\$5,000
"The Primal Quest"	
Herman, Louis G	Chancellor, University of Hawaii at West Oahu
\$5,000 in matching funds pledged from Doran Foundation for lecturer replacement for one course to enable work on completing book manuscript and developing film production "Primal Quest".	
University of Hawaii Foundation	\$500
"Gendered Landscapes: Short Fiction by Modern and Contemporary Korean Women Writers"	
Kim, Yung-Hee	Department of East Asian Languages and Literatures
Pay for editorial assistant student salary.	
University of Hawaii Foundation	\$9,650
"East Asian Buddhism Professorship"	
Kipnis, Kenneth	Department of Philosophy
To pay for salary and fringe benefits to hire the East Asian Buddhist Professor as a lecturer in the Philosophy	
University of Hawaii Foundation	\$33,775
"Diagnostic Laboratory Services Medical Technology Fund"	
Teshima, Dick Y	Department of Medical Technology
Diagnostic Services, Inc. has agreed to support an instructor in the Department of Medical Technology and provide for other administrative support.	
University of Hawaii Foundation	\$71,500
"Clinical Laboratories of Hawaii Medical Technology Fund"	
Teshima, Dick Y	Department of Medical Technology
Clinical Laboratories has agreed to support an instructor in the Department of Medical Technology and provide other	

Count: 6

Total: \$153,425

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

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	1	\$258,449	4.21%
DHHS-Dept of Health and Human Services	1	\$88,447	1.44%
DOC-Dept of Commerce	1	\$38,650	0.63%
DOD-Department of Defense	2	\$97,257	1.58%
Federal Agencies	1	\$970,000	15.79%
Foreign	1	\$155,000	2.52%
Hawaii- Business and Other	2	\$102,489	1.67%
Hawaii- Government Agencies	10	\$729,430	11.87%
Hawaii- Non-Profit Organizations	4	\$285,971	4.65%
Mainland- Business and Other	2	\$103,000	1.68%
Miscellaneous	1	\$215,987	3.52%
National Aeronautics and Space Administration	7	\$1,604,450	26.11%
National Science Foundation	1	\$93,063	1.51%
US Colleges and Universities	9	\$1,401,664	22.81%
Total:	<u>43</u>	<u>\$6,143,857</u>	<u>100%</u>

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

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	1	\$100,000	1.31%
DOC-Dept of Commerce	1	\$70,000	0.91%
DOD-Department of Defense	1	\$118,336	1.55%
Dept of State	1	\$99,994	1.31%
Foreign	2	\$245,000	3.20%
Hawaii- Business and Other	3	\$1,416,450	18.51%
Hawaii- Government Agencies	5	\$383,225	5.01%
Hawaii- Non-Profit Organizations	12	\$848,495	11.09%
Mainland- Non-Profit Organizations	2	\$1,018,250	13.31%
National Aeronautics and Space Administration	1	\$2,500,000	32.68%
National Science Foundation	1	\$508,159	6.64%
US Colleges and Universities	4	\$343,115	4.48%
Total:	<u>34</u>	<u>\$7,651,024</u>	<u>100%</u>

**Extramural Research Awards
Year to Date: 07/01/10 - 11/30/10
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	40	\$5,384,017	3.30%
DHHS-Dept of Health and Human Services	60	\$43,574,519	26.71%
DOC-Dept of Commerce	59	\$25,938,613	15.90%
DOD-Department of Defense	25	\$15,083,430	9.25%
DOE-Dept of Energy	18	\$14,199,873	8.70%
DOI-Dept of Interior	51	\$5,384,088	3.30%
ED-Dept of Education	2	\$866,401	0.53%
Federal Agencies	9	\$4,191,146	2.57%
Foreign	13	\$3,675,757	2.25%
Hawaii- Business and Other	12	\$673,990	0.41%
Hawaii- Government Agencies	55	\$6,444,197	3.95%
Hawaii- Health Organizations	2	\$200,733	0.12%
Hawaii- Non-Profit Organizations	27	\$1,368,179	0.84%
Mainland- Business and Other	19	\$2,056,460	1.26%
Mainland- Health Organizations	9	\$1,139,434	0.70%
Mainland- Non-Profit Organizations	14	\$451,458	0.28%
Miscellaneous	1	\$215,987	0.13%
National Aeronautics and Space Administration	26	\$3,978,146	2.44%
National Science Foundation	63	\$21,430,173	13.14%
US Colleges and Universities	53	\$6,883,124	4.22%
Total:	<u>558</u>	<u>\$163,139,725</u>	<u>100%</u>

Note: YTD amounts include adjustments.

**Extramural Non-Research Awards
Year to Date: 07/01/10 - 11/30/10
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	11	\$2,717,952	1.87%
DHHS-Dept of Health and Human Services	26	\$6,680,763	4.59%
DOC-Dept of Commerce	21	\$37,610,997	25.86%
DOD-Department of Defense	4	\$523,049	0.36%
DOE-Dept of Energy	1	\$750,000	0.52%
DOI-Dept of Interior	12	\$498,887	0.34%
Dept of State	1	\$99,994	0.07%
ED-Dept of Education	73	\$36,535,531	25.12%
Federal Agencies	10	\$7,050,654	4.85%
Foreign	20	\$1,179,452	0.81%
Hawaii- Business and Other	29	\$4,721,063	3.25%
Hawaii- Dept of Education	5	\$766,428	0.53%
Hawaii- Government Agencies	58	\$16,049,029	11.04%
Hawaii- Health Organizations	8	\$1,249,233	0.86%
Hawaii- Non-Profit Organizations	50	\$3,688,984	2.54%
Mainland- Business and Other	9	\$661,526	0.45%
Mainland- Health Organizations	1	\$160,000	0.11%
Mainland- Non-Profit Organizations	19	\$2,385,200	1.64%
National Aeronautics and Space Administration	4	\$3,546,164	2.44%
National Science Foundation	31	\$17,489,740	12.03%
US Colleges and Universities	18	\$1,069,815	0.74%
Total:	<u>411</u>	<u>\$145,434,461</u>	<u>100%</u>

Note: YTD amounts include adjustments.