Gifts, Grants, and Contracts for October 2010

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

Research

DA-Dept of Agriculture

Agriculture, Dept - Agricultural Research Svc-FED

Support of Ag Research of Mutual Interest 2011 $80,000
Stahl, Norman Vice Chancellor for Student Affairs-UHH
Support research to be carried out at ARS and UH facilities - research relating to Crop Protection and Quarantine

Agriculture, Dept - FED $70,000

Quality Evaluation of Irradiated Blueberries and Peaches
Price, Donald Biology-UHH
Evaluations of insect tolerance and fruit quality following exposure to ionizing irradiation and the related roles and responsibilities of the parties

Agriculture, Dept - FED $50,000

Early Detection of Highly Pathogenic Avian Influenza in Wild Birds
Duffy, David C Department of Botany
Cooperate with APHIS to conduct surveillance of highly pathogenic avian influenza which may be carried by waterfowl, shorebirds, and other wild birds.

DHHS-Dept of Health and Human Services

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

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

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

Ka Olelo Oiwi: Hawaiian Oral Language Development Project
Housman, April Ka Haka'Ula O Ke'Elikolani-UHH
Develop the oral language abilities of Hawaiian Language Immersion Program (HLIP) grades K-6 students at 15 schools on 5 islands.

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

RSK2 Regulates Integrin-Mediated Adhesion and Migration
Ramos, Joe William Cancer Research Center
This work is focused on understanding how cell migration and cancer metastasis are controlled by the protein RSK2.

DOC-Dept of Commerce

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

SOEST Isotope Laboratory Solicitation Response for the NOAA Statement of Work/Specification for the Radiological Analysis of 226Ra and 210Pb in Fish Otoliths
Rubin, Kenneth H Department of Geology and Geophysics
 Provides funds for Dr. Allen Andrews of NOAA to conduct 210Pb and 226Ra analyses in the SOEST Isotope Lab under the PI's supervision.
Gifts, Grants, and Contracts for October 2010

Research

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)  
NOAA/NESDIS/STAR MOBY Operations Support Cruises  
Schroeder, Thomas A  
Joint Institute for Marine and Atmospheric Research  
To provide research ship support operations in support of Marine Optical Buoy (MOBY) operations.

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)  
Profiling CTD Float Array Implementation and Ocean Climate Research  
Schroeder, Thomas A  
Joint Institute for Marine and Atmospheric Research  
1) To support the profiling CTD floats through testing, deployment, and management of a subset of these floats. 2) To perform scientific analysis including estimates of ocean heat variability using the float and other data.

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)  
Enhancement of Data and Research Activities for Climate Studies at the International Pacific Research Center (IPRC)  
Hamilton, Kevin P  
Joint Institute for Marine and Atmospheric Research  
The project enhances the activities at the Asia-Pacific Data-Research Center (APDRC) within the International Pacific Research Center (IPRC) at the University of Hawaii. Activities include web-based access to a broad range of ocean, atmosphere, and air sea flux and products for climate studies.

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)  
Schroeder, Thomas A  
Joint Institute for Marine and Atmospheric Research  
A data set will be assembled that will include the atmospheric measurements currently being conducted at Mauna Loa Observatory and the mercury measurements.

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)  
HURL Annual Funding (FY 2010)  
Wiltshire, John C  
Hawaii Undersea Research Laboratory  
This proposal requests FY2010 funding for base operations of the Hawaii Undersea Research Laboratory.

Commerce, Dept/NOAA - Natl Marine Fisheries Svc  
Climate Change and Ecosystem Variability in the North Pacific Ocean and the Dynamics of Marine Resource Populations  
Schroeder, Thomas A  
Joint Institute for Marine and Atmospheric Research  
Seeks to improve understanding of the linkages between environmental and biological variability on interannual to decadal time scales, and to provide access to an expanded suite of satellite oceanographic data for use in physical, biological, and fisheries oceanography research.

Commerce, Dept/NOAA - Natl Marine Fisheries Svc  
Social and Economic Analysis of Western Pacific Fisheries  
Schroeder, Thomas A  
Joint Institute for Marine and Atmospheric Research  
To conduct an in-depth, pilot study on the socio-economic effects of fishery management measures (Northwestern Hawaiian Islands fishery closure, annual catch limits, catch shares, etc.) on dealers, wholesalers, restaurants, and retail buyers on the Hawaiian Islands.
Gifts, Grants, and Contracts for October 2010

Research

DOC-Dept of Commerce

Commerce, Dept/NOAA - Natl Weather Service  
Pacific ENSO Application Center (PEAC)  
Schroeder, Thomas A  
Joint Institute for Marine and Atmospheric Research

Conduct research on experimental climate prediction and impacts of interannual climate variability on the economies, cultures and public health of the U.S.-affiliated Pacific Islands.

DOD-Department of Defense

Defense, Dept - Air Force Ofc of Scientific Rsch  
Advancing the Surveillance Capabilities of the Air Force's Large-Aperture Telescopes  
Jefferies, Stuart M  
Institute for Astronomy

Conduct fundamental research into image restoration methods with the goal of significantly extending the region of performance for ground-based imaging of space-based targets, using the Air Force's 3-meter class telescopes.

Defense, Dept - Army  
Raman Spectroscopy Based Technologies in the Biochemical Detection of Prostate Tumor Recurrence  
Sharma, Shiv K  
Hawaii Institute of Geophysics and Planetology

Create improved detection of biomarkers for urogenital cancerous tumors used of micro-Raman and Surface-Enhanced Raman Scattering (SERS) spectroscopy as an readout method.

Defense, Dept - Office of Naval Research  
Hydrodynamics and Roughness of Irregular Boundaries  
Pawlak, Eugene R.  
Department of Ocean and Resources Engineering

The proposed work will involve field observations and analysis of bed roughness over coral reefs along with the associated hydrodynamic response of waves and currents.

Defense, Dept - Office of Naval Research  
Hawaii Energy and Environmental Technologies (HEET) Initiative, Phase II (FY09)  
Rocheleau, Richard E  
Hawaii Natural Energy Institute

Conduct research on development and testing of fuel cells, exploration and characterization of methane hydrates, and testing of emerging alternative energy technologies.

Defense, Dept - Office of Naval Research  
Miniaturized Retrodirective Arrays for a Nanosatellite Platform  
Shiroma, Wayne Akira  
Hawaii Space Flight Laboratory

Design and prototype of a miniaturized self-steering antenna array for reconnaissance, remote-sensing, and communications-on-the-move applications.

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

ONR Basic Research Challenge to extend my current research into the factors that control the predictability in ocean modeling. Focus will be on the collaboration of my research with other scientists.

$218,593  
$218,688  
$207,988  
$99,998  
$3,949,531  
$45,000  
$11,755
Gifts, Grants, and Contracts for October 2010

Research

DOD-Department of Defense

Defense, Dept - Office of Naval Research $135,000
Quasi-Ceramic Silicone Conversion Coating for Corrosion Protection of Aluminum Alloys
Hihara, Lloyd H Department of Mechanical Engineering
Quasi-ceramic silicone coatings will be synthesized and examined for corrosion protection of aluminum alloys.

Defense, Dept - Office of Naval Research $35,889
Understanding Predictability of the Ocean
Powell, Brian Department of Oceanography
ONR Young Investigator Program: Research into the factors that control the predictability in ocean modeling. Focus will be on the model parameterizations and the influence of specific observations.

Defense, Dept - Office of Naval Research $26,619
Developing cDNA Libraries of Receptors Involved in the Recruitment of the Biofouling Tubeworm Hydroides elegans
Hadfield, Michael G Pacific Biosciences Research Center
This project will develop cDNA libraries for analysis of receptors involved in the recruitment of the biofouling tubework Hydroides elegans. We plan to make at least two developmental stage-specific cDNA libraries.

Defense, Dept - Office of Naval Research $9,039
Development of a Combined Raman and LIBS System for Stand-off Detection of Explosive Residues
Sharma, Shiv K Hawaii Institute of Geophysics and Planetology
The purpose of this proposal is to develop a combined Raman and LIBS system for a stand-off detection of explosives and residues.

Defense, Dept - Office of Naval Research $114,453
Remote Monitoring of Dolphins and Whales in the High Naval Activity Areas in Hawaiian Waters
Au, Whitlow W L Hawaii Institute of Marine Biology
Use remote ecological acoustic recorders (EARs) to determine the presence of dolphins and whale in high naval activity area of the main Hawaiian Islands.

Defense, Dept - U.S. Army Engineer Rsch & Dev Ctr $64,951
Corrosion Control Studies of Aluminum and Aluminum-Composite Interfaces in Diverse Micro-Climates
Hihara, Lloyd H Department of Mechanical Engineering
Conduct research in corrosion protection of structural interfaces and atmospheric corrosion protection of aluminum using novel coatings. Studies will be conducted in the laboratory to identify corrosion mechanisms and in the field to determine performance in natural environments.

DOE-Dept of Energy

Energy, Dept - FED $620,065
Hawaii Energy Sustainability Program
Rocheleau, Richard E Hawaii Natural Energy Institute
The objectives of the Hawaii Energy Sustainability Program are to conduct technical and economic analysis supporting the Hawaii Clean Energy Initiative and to conduct research to develop and validate distributed energy resources (DER) technologies that can contribute to reduced usage of fossil fuels in Hawaii.
Gifts, Grants, and Contracts for October 2010

Research

**DOE-Dept of Energy**

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

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

**DOI-Dept of Interior**

Interior, Dept - National Park Service  
**Developing and Evaluating Techniques for Controlling Invasive Plants**  
Duffy, David  
Department of Botany  
Develop and evaluate weed control methods for efficacy in use on rare native habitat in Haleakala National Park.

Interior, Dept - National Park Service  
**Development of Efficient Vegetation Management Techniques within Kaloko-Honokohau National Historical Park for Cultural Resource Utilization**  
Leary, James  
College of Tropical Agriculture and Human Resources  
This 2 year project will develop refined techniques in exotic weed removal and restoration of native plant communities of cultural significance and utility within Kaloko-Honokohau National Historical Park.  Research and demonstration experiments will become established within the archeological sites D13-10 (50-10-27-2165 size: 1 ha and 50-10-27-2218 size: 4 ha).

Interior, Dept - U.S. Fish & Wildlife Service  
**Project Support for Hawaiian Ecosystems at Risk (HEAR) Project**  
Ziegler-Chong, Sharon  
Pacific Aquaculture-UHH  
Support effective science-based management of harmful non-native species in Hawaii and the Pacific through the HEAR project.

Interior, Dept - U.S. Geological Survey  
**Pacific Island Ecosystems Change Project: Research on Global Climate Change and Watershed Dynamics in Hawaii and the Pacific Islands**  
Ziegler-Chong, Sharon  
Pacific Aquaculture-UHH  
Conducting research on the status and dynamics of both terrestrial and near-shore ecosystems within selected watersheds in the main Hawaiian Islands relative to impacts of invasive species and land use change, as well as from anticipated changes due to sea level rise and climate modification resulting from global atmospheric dynamics.
Gifts, Grants, and Contracts for October 2010

Research

DOI-Dept of Interior

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

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

Federal Agencies

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

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

Foreign

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

U.S. - Israel Binational Science Fdn $30,000
   Effect of Residual Antibiotic Amendment on Molecular Evolution of Antibiotic Resistance in Indigenous Soil Microbial Communities
   Yan, Tao Department of Civil and Environmental Engineering
   Study the effects of residual antibiotics on the evolution of antibiotic resistance in soil environments.
Gifts, Grants, and Contracts for October 2010

Research

Hawaii- Business and Other

Hawaii Bus & Entprnr Acceleration Mentors
Evaluation of Syrbaetins in TH-MYCN Neuroblastoma Tumor Model
Bachmann, Andre
Chancellor, University of Hawaii at Hilo-UHH
Research on a new anti-cancer drug discovery made at the Cancer Research Center and continued at the UH Hilo College of Pharmacy

Hawaiian Shellfish, LLC
Development of Bivalve Hatchery Methods for Hawaii
Haws, Maria C.
Pacific Aquaculture-UHH

Referentia Systems, Inc
Pacific Disaster Center Threat Assessment For Papahanaumokuakea Marine National Monument
Gaines, James R
Vice President for Research
The Pacific Disaster Center will prepare a threat assessment report for the Monument.

Hawaii- Government Agencies

Health, Dept - Alcohol & Drug Abuse Div-HI
Data Collection and Analysis of Substance Abuse Prevention Services
Fong, Grace
Center on the Family
Help to implement the ADAD Substance Abuse Prevention infrastructure work plan by providing a web-based data management system for data collection and management to satisfy program evaluation and report requirements.

Health, Dept - HI
State Prevention Framework State Incentive Grant Evaluation
Yuen, Sylvia H L
Center on the Family
Conduct evaluation of key processes and outcomes of the Hawaii State Prevention Framework State Incentive Grant Project (SPF-SIG) at the state, community, and program levels.

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI
Forestry and Watershed Planner
Morden, Clifford W
Department of Botany
Conduct research and development for forest and watershed management plans for Maui and Kauai, working closely with planners on those islands.

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI
Kauai Endangered Seabird Conservation Research and Management
Duffy, David C
Department of Botany
Conduct research on the populations of endangered Kauai seabirds and make recommendations for conservation strategies.
Gifts, Grants, and Contracts for October 2010

Research

Hawaii- Government Agencies

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI
  Detection and Control of Invasive Species in Wao Kele o Puna on the Island of Hawaii
  Duffy, David C  Department of Botany
  Survey and control invasive species in the forest reserve of Wao Kele o Puna on the island of Hawaii.

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI
  Defending Hawaiian Forests: Rapid Response to Ecosystem Changing Weeds
  Duffy, David C  Department of Botany
  Conduct early detection surveys for potential new invasive species, and evaluate exotic species for potential invasiveness in Hawaii.

Land & Natural Res, Dept - HI
  Assessing Impacts of Myoporum thrips (Klambothrips myopori) Infestation in Hawaii: Distribution, Rate of Spread, and Impact on Forest Resources
  Kaufman, Leyla  Department of Plant and Environmental Protection Sciences
  Determine the current spatial distribution of Myoporum thrips on M. sandwicense, determine infestation rates/density as well as seasonal phenology in infested sites, evaluate the impact of myoporum thrips on tree health across a wide range of environmental conditions.

Transportation, Dept - HI
  Evaluation of the New SRICOS-EFA Method for Predicting Scour in Hawaiian Rivers
  Ooi, Phillip S.K.  Department of Civil and Environmental Engineering
  Develop a methodology for predicting scour of river beds in Hawaii using a newly developed apparatus called the Erosion Function Apparatus.

Hawaii- Health Organizations

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

Hawaii- Non-Profit Organizations

HCF-Leahi Fund
  Mesothelioma Prevention and Early-Detection Studies
  Yang, Haining  Cancer Research Center
  Asbestos is one of the major environmental concerns especially in Hawaii. Asbestos is the main cause of mesothelioma and it has synergistic effect with cigarette smoking in causing lung cancer. My research is aimed at identifying novel preventive approaches and early detection strategies for asbestos-related thoracic malignancies, especially mesothelioma.
Gifts, Grants, and Contracts for October 2010

Research

**Hawaii- Non-Profit Organizations**

Pacific Health Research & Education Institute  $83,404
- Computerized Tailored Interventions for Behavioral Sequelae of Posttraumatic Stress Disorder in Veterans
  - Nigg, Claudio R  Office of Public Health Studies
  - This subaward will help adapt and test a tailored intervention to address PTSD related risks (smoking, depression, and stress).

University of Hawaii Foundation  $240,245
- Kamehameha School Research Fellow Program
  - Soifer, Aviam  William Richardson School of Law
  - Implement Kamehameha School Research Fellowship Program to advance knowledge, scholarship or learning in Native Hawaiian Law.

University of Hawaii Foundation  $33,775
- Preserving Hawaii’s Culturally Significant Native Plants
  - Dunn, Christopher  Lyon Arboretum
  - To preserve Hawaii’s Culturally Significant Native Plants.

**Mainland- Business and Other**

Lockheed Martin Corporation Space Systems  $149,392
- A Study of OTEC Environmental Interactions
  - Nihous, Gerard C  Department of Ocean and Resources Engineering
  - This effort aims at better defining the potential environmental interactions between Ocean Thermal Energy Conversion (OTEC) systems and the ocean. The goal is to develop a versatile and portable analytical tool capable of determining flow characteristics around OTEC plants. Methodologies and results will be demonstrated in Hawaiian waters.

Space Telescope Science Institute  $142,061
- A Snapshot Survey of the Most Massive Clusters of Galaxies
  - Ebeling, Harald  Institute for Astronomy
  - We propose the continuation of our highly successful Hubble Space Telescope survey of a sample of 123 vary x-ray luminous clusters in the redshift range 0.3-0.7. These systems frequently exhibit strong gravitational lensing as well as spectacular examples of violent galaxy evolution.

**Mainland- Health Organizations**

Children’s Hospital Boston  $26,000
- The Relationship Between Mitochondrial Dysfunction and Insulin Resistance in HIV-Infected Children Receiving AntiRetroviral Therapy
  - Gerschenson, Mariana  John A. Burns School of Medicine
  - Perform OXPHOS analysis on pediatric samples, perform data analysis and manuscript preparation.

Hutchinson (Fred) Cancer Research Center  $129,277
- Colorectal Cancer Genome-Wide Association Studies Consortium
  - Le Marchand, Loic  Cancer Research Center
  - Using the Multiethnic Cohort Study Caucasian samples, this study proposes to collaborate with the Colorectal Cancer GWAS Consortium to replicate the associations found with genetic variants in other ongoing whole genome-wide association studies.
Gifts, Grants, and Contracts for October 2010

Research

Mainland- Health Organizations

Klein Buendel, Inc. $378,158
A Home Exercise Program for Women with Infants and Young Children
Albright, Cheryl L. Cancer Research Center
This Phase II project will develop and test an interactive web-enabled multimedia program, "Choose to Move", that will feature 10-minute videos demonstrating yoga, aerobics, and strengthening exercises for mothers of infants 8 weeks to 8 months of age.

Riverside Research Institute
Acoustic Contrast Agents for Use with High-Frequency Ultrasound
Allen, John S III Department of Mechanical Engineering
High frequency ultrasound with contrast agents offers potential for improved imaging and perfusion measurements

National Aeronautics and Space Administration

National Aeronautics & Space Administration $112,000
Support Services, Maintenance and Calibration of the TLRS-4 System
Kuhn, Jeffrey R. Institute for Astronomy
To continue the history of Haleakala as one of two fixed, well-defined geometric reference points in NASA's tectonic motion data solution.

US Colleges and Universities

California Davis, University of $67,799
Western Regional Center in the National Plant Diagnostic Network
Alvarez, Anne M Department of Plant and Environmental Protection Sciences
We will support plant diagnostics in Hawaii and the Pacific Region by performing standard and distance diagnostic procedures on plant and insect samples and participating in detector training activities.

Dartmouth College $34,737
Media Influences on Early Onset Alcohol Use
Wills, Thomas Cancer Research Center
Conceptualizing & analyzing data on media smoking exposure & adolescent & young adult outcomes; set up mediation & moderation analyses for effects of movie smoking exposure & will coordinate with the statistical consultant on incorporating time-varying effects in the analyses.

Drew, Charles R., University $537,628
RMCI Translational Research Network (RTRN)
Yanagihara, Richard Department of Pediatrics
The goal of the RTRN is to establish an infrastructure to facilitate translational research in health disparities. Hawaii will be one of the performance sites coordinated by Drew University. Drew University will send a subcontracts to UH based on the attached sub-recipient commitment form attached.

Hawaii Pacific University $48,141
Ecological Factors and Drug Use of Native Hawaiian Youth
Helm, Susana Department of Psychiatry
Examine the ecological risk and protective factors relevant to youth of Hawaiian ancestry in Hawaii.
Gifts, Grants, and Contracts for October 2010

Research

US Colleges and Universities

Maryland, University of

EPOXI Mission
Meech, Karen J Institute for Astronomy
To reduce and analyze data obtained and characterizing the nucleus for the EPOXI mission. We will continue to characterize the activity of the mission target 103P/Hartley 2, analyze data coordinate observers around the world and use this data to interpret the spacecraft in-situ results.

South Carolina, Medical University of

Sphingolipids in Cancer Biology and Therapy
Kawamori, Toshihiko Cancer Research Center
This program project is to elucidate roles and functions of the sphingolipid pathways in cancer development. The animal core provides expertise for animal carcinogenesis models and pathology and services to maintain animals to the project leaders.

Texas, University of

Transdisciplinary Research in Cancer of the Lung
Le Marchand, Loic Cancer Research Center
This project will study in several population-based cohort studies the epidemiologic characteristics of genetic variants found to be associated with lung cancer in a pooled analysis of genome-wide association studies.

Tulane University of Louisiana

Coordinating Center for the Pediatric HIV/AIDS Cohort Study
Gerschenson, Mariana Department of Cell and Molecular Biology
Dr. Gerschenson is a protocol team member for the Pediatric HIV/AIDS Cohort Study. She will be reviewing and developing concept studies and planning the scientific agenda.

Virginia Polytechnic Inst and State Univ

Sustainable Management of Agroecological Resources for Tribal Societies (SMARTS)
Chan-Halbrendt, Catherine Department of Natural Resources and Environmental Management
This proposal will address conservation agricultural practices among tribal populations in India and Nepal. The goal is to improve the livelihood of these subsistence farmers, modify slash-and-burn practices and introduce innovative soil and water conservation measures.

Subcount: 72 Subtotal: $21,724,816

Non-Research

DA-Dept of Agriculture

Agriculture, Dept - FED

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

$400,000
Gifts, Grants, and Contracts for October 2010

Non-Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Hlth Res & Svcs Adm (HRSA) $416,222
Pacific Islands Geriatric Education Center
Masaki, Kamal H Department of Geriatric Medicine
Allied Health Care professionals training in Geriatrics.

Health & Human Svc, Dept/ACF - Adm on Devlpmnt Dsblty $150,000
Hawaii Emergency Preparedness special Initiatives
Skaggs, Briana Dawn Center on Disability Studies
This project will identify and recruit individuals with a developmental disability and their families who have independent schedules, implement project activities that support participants towards emergency preparedness and community leadership. Activities will be tracked, data evaluated and results disseminated to stakeholders.

DOC-Dept of Commerce

Commerce, Dept - Economic Dev Administration-FED $220,000
UH-PBCP EDA University Center 2009-2010
Morton, John F Vice President for Community Colleges
This Economic Development Administration University Center Program award supports the economic development and technical assistance work of the Pacific Business Center Program that will be provided to public and private sector clients located in Hawaii and throughout the American Affiliated Pacific Islands.

Commerce, Dept/NOAA - Natl Marine Fisheries Svc $225,000
UH Manoa Marine Option Program Support
Hunter, Cynthia L Biology Program
Support UH Marine Option Program Director (25%), Manoa Coordinator, Student Coordinator, Student Office Assistants, travel, grant management training, field and office supplies, and study center computers/software.

DOD-Department of Defense

Defense, Dept - Navy $375,752
Fiber Connectivity to VLBA on Mauna Kea
Lassner, David K Information Technology Services
Provide fiber connectivity to VLBA facility on Mauna Kea

ED-Dept of Education

Education, Dept - FED $425,000
Hawaii Transition/Dual Enrollment with Individualized Supports Model for Students with Intellectual Disabilities
Stodden, Robert A Center on Disability Studies
A demonstration model project for students with intellectual disabilities which provides individualized supports and services for academic and social inclusion in all aspects of postsecondary education, including opportunities for academic enrichment, socialization, independent living and work skills that lead to gainful work.
Gifts, Grants, and Contracts for October 2010

Non-Research

ED-Dept of Education

Education, Dept - FED

Hale Kanilehua Living-Learning Center Renovation
Hong, Luoluo  Vice Chancellor for Student Affairs-UHH
Renovation of an existing facility to create a living-learning center at UH Hilo to provide a safe and supportive living-learning environment for students by successfully transitioning them into the University through first-year experience seminars and other academic/social integration experiences

Education, Dept - FED

Hanakahi Student Success Programs
Makuakane-Lundin, Gail M  Vice Chancellor for Student Affairs-UHH
Increases in Native Hawaiian student success, retention and completion; increases in the level of engagement of students in their college educational experience; improvements among students in the attitudes, knowledge and skills associated with effective leadership; and improvements in Hawaiian language teaching and student learning.

Education, Dept - FED

Hulili-A Collaborative Grant Between UH-Manoa and Windward Community College to Improve the Transfer and Success Rates of Native Hawaiian Students
Hokoana, Lui K  Chancellor, Windward Community College
UH Manoa (UHM) and Windward Community College (WCC) will collaborate to increase the number of Native Hawaiian (NH) students at WCC who transfer to UHM; number of NH students who receive a Bachelor's degree at UHM; and professional development opportunities for transfer students and NH serving faculty and at

Education, Dept - FED

Center On Responsive Education (CORE) 1+1
Pagotto, Louise  Chancellor, Kapiolani Community College
Center On Responsive Education (CORE) 1+1 will provide stipends to 50 students (2 cohorts of 25 student) to complete an associate degree in one of four areas - special education, deaf education, educational interpreting or English as a second language - plus complete a 12-credit certificate program in low incidence disabilities.

Education, Dept - FED

Waihonua: 2 Year Renovation Grant
Kealiikanakaoleohaliilani, Kekuhi K K  Chancellor, Hawaii Community College
The I Ola Haloa Center for Hawaii Life Styles Program at Hawaii Community College will conduct two activities in striving to increase course completion rates: (1) Renovating Academic Community spaces, and (2) Developing iHa'akumalae for Learner Success.

Education, Dept - FED

Creating a Mobile High-Touch, High-Tech Learning Environment: A Program to Promote Academic & Psychosocial Engagement & to Increase Participation STEM
Randall, Linda  Chancellor, University of Hawaii at West Oahu
This proposal addresses the activities that UHWO can implement to increase college success as measured by improving retention and graduate rates. It also aims to increase access to higher education by increasing opportunities for students to participate successfully in STEM classes and disciplines. UHWO will develop a high-touch mobile learning environment.

Education, Dept - FED

Leeward Community College - Upward Bound Math/Science; 2007-2012
Manaseri, Christopher B  Chancellor, Leeward Community College
Provide college preparatory services for high school youth. Program's purpose is to increase academic
Gifts, Grants, and Contracts for October 2010

Non-Research

ED-Dept of Education

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

Education, Dept - FED $123,138

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

Richards, Leon Chancellor, Kapiolani Community College

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

Education, Dept - FED $81,537

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

Watkins, Wayne Student Equity, Excellence, and Diversity

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

Education, Dept - FED $300,000

Pacific Region Special Education Leadership Training Project

Noonan, Mary Jo Department of Special Education

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

Education, Dept - FED $300,000

Pacific Region Special Education Leadership Training Project

Noonan, Mary Jo Department of Special Education

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

Education, Dept - FED $628,808

Kulukuluua: 5-year Development Grant

Kealiikanakaoleohaililani, Kekuhi Chancellor, Hawaii Community College

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

Education, Dept - FED $540,733

Halaulani

Kealiikanakaoleohaililani, Kekuhi Chancellor, Hawaii Community College

The grant will conduct three activities to improve Native Hawaiian transfer rates: (1) Strengthening Student Transfer Success at Hawaii Community College; (2) Bridging the Hawaii Community College and the University of Hawaii at Hilo Teaching and Learning Communities; and (3) Developing Inter-Collegial Degree Pathways.
Gifts, Grants, and Contracts for October 2010

Non-Research

ED-Dept of Education

Education, Dept - FED $800,000
Kakoo Koolau - Strengthening Student and Institutional Engagement at Windward Community College
Hokoana, Lui K Chancellor, Windward Community College
Strengthening institutional engagement through more relevant and accessible academic offerings; and strengthening student engagement through improved access, early intervention, and innovative student support services. Both activities focus on increasing student persistence, retention, and graduation or transfer.

Education, Dept - FED $799,990
Native Hawaiian Serving Institution: Increase Native Hawaiian Success at University of Hawai'i Maui College
McKee, John Chancellor, University of Hawaii Maui College
Increase Native Hawaiian Success by increasing retention, persistence and graduation rates by providing peer tutoring and mentoring in a new Student Success Center, mandating a First and Second Year Experience for cohort participants and developing an Associate in Arts degree with an emphasis on Hawaiian Studies.

Education, Dept - FED $2,000,000
Hale Ao Renovation and Hawaiian Studies Curriculum Expansion
Hokoana, Lui K Chancellor, Windward Community College
Strengthening Student Engagement through increased facility space to house Hawaiian Studies courses and through the creation of an Associate of Arts degree in Hawaiian Studies and expanded curriculum. The initiatives are focused on increasing the success rates of WCC students.

Federal Agencies

Corporation for National and Community Service $714,589
Oceanic EcosySTEM
Pascua, Atina T Service Learning
Hawaii Pacific Islands Campus Compact (HIPICC) will develop a consortium to sustain and strengthen service learning programs in STEM, teacher training, and indigenous American, Hawaiian and pacific Islander communities.

Housing & Urban Development, Dept - FED $800,000
Kapahulu Learning and Outreach Center
Franco, Robert W Chancellor, Kapiolani Community College
This proposal is for the renovation and expansion of the Kapahulu Senior Center to create the Kapahulu Learning and Outreach Center, and for subsequent program development at the center.

Peace Corps $17,065
Peace Corps Campus Representative
Casey, Rosemary Office of International Education
The University of Hawaii at Manoa shall provide professional recruitment services for the San Francisco Peace Corps Regional Recruitment Office, establishing a Peace Corps recruiting office, hiring & supervising an on-campus representative, and ensuring access to campus resources to facilitate the recruitment effort.
## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### Foreign

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

#### Hawaii- Business and Other

<table>
<thead>
<tr>
<th>Location</th>
<th>Amount</th>
<th>Description and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hawaii Council for the Humanities</td>
<td>$7,500</td>
<td><strong>Connecting Language and History: An Interactive Exhibit at Hawaii Plantation Village Museum</strong>&lt;br&gt;Higgins, Christina M Department of Second Language Studies&lt;br&gt;This project will produce a museum display on the history and development of Hawaii Creole at the Hawaii Plantation Village Museum in Waipahu.</td>
</tr>
</tbody>
</table>

#### Hawaii- Dept of Education

<table>
<thead>
<tr>
<th>Location</th>
<th>Amount</th>
<th>Description and Details</th>
</tr>
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<tbody>
<tr>
<td>Education, Dept - HI</td>
<td>$49,097</td>
<td><strong>Math Science Partnership (MSP) Program Cohort VI: For the Provision of Professional Development in Science</strong>&lt;br&gt;Flynn, Luke Paul Hawaii Institute of Geophysics and Planetology&lt;br&gt;The Hawaii Space Grant Consortium (HSGC) will continue to provide their support towards the efforts and services outlined in the statement of work. HSGC's primary objective is to assist the Stevenson Middle School complex to enhance professional development math and science curriculum and teaching skills to teachers.</td>
</tr>
<tr>
<td>Education, Dept - HI</td>
<td>$104,842</td>
<td><strong>P-20 Initiative Memorandum of Agreement with Hawaii Department of Education</strong>&lt;br&gt;Johnsrud, Linda K College of Education&lt;br&gt;Facilitate, coordinate, implement and support the P-20 Strategic Plan through regional participation; marketing and communications; data analyses and technical assistance for schools to meet American Diploma Project-related activities; and operational and administrative support work.</td>
</tr>
</tbody>
</table>
Gifts, Grants, and Contracts for October 2010

Non-Research

Hawaii- Government Agencies

Acctg & General Svc, Dept - State Fdn on Culture & the Arts-HI  $100,000
SCEP: Presenting and Touring Outreach
Slaughter, Timothy  Roy  Outreach Community Programs
Coordinate lectures, demonstrations and cultural programs by artists and cultural experts in various community venues with a focus on underserved communities.

City & County of Honolulu  $75,000
Team PLUS: On-Premise Alcohol Sales Survey
Albright, Cheryl  L.  Cancer Research Center
This contract is to conduct a survey to determine the rate of alcohol sales to underage youth who order alcohol in on-premise locations on Oahu (e.g. restaurants, bars, and clubs).

County of Hawaii  $3,500
Gear Up for Agricultural Tourism Training Program
Shigehara, Deborah  Chancellor, Hawaii Community College
The proposal will fund a one day training workshop in Hilo for agricultural farmers, businesses and entrepreneurs interested in starting agritourism businesses. funds will support operational, marketing and trainer/presenter.

County of Maui - Planning Department  $329,984
Pacific Basin Telehealth Resource Center
Bursell, Sven-Erik  Social Science Research Institute
Seeks to develop a resource center to assist healthcare organizations, health care networks, and health care providers in implementing cost-effective telehealth programs serving rural and medically under-served areas and populations.

Hawaiian Affairs, Office of-HI  $8,259
Halau Ike o Puuloa First Birthday Paina and Blessing
Goodman, James  Chancellor, Leeward Community College
The Office of Hawaiian Affairs supports events which provide an educational benefit to the Native Hawaiian community. Funding will support the execution of the event which promotes LCC's Native Hawaiian programs (Halau) to eligible students and gives them access to the resources of Halau's partners.

Health, Dept - Adult Mental Health-HI  $614,785
Hawaii Mental Health Transformation State Incentive Grant
Onken, Steven  Social Science Research Institute
The purpose of this grant is to do a transformation of the current mental health delivery system in the state. It is to look at the system as a whole and modify laws, norms and values, reassessed, and systems of service delivery and finance, changed.

Health, Dept - HI  $2,500
School Based Influenza Vaccination Program Memorandum of Agreement
Qureshi, Kristine  School of Nursing and Dental Hygiene
School Based Influenza Vaccination Program.

Human Services, Dept - HI  $10,000
Creating Intergenerational Opportunities through the Foster Grandparent Program
Greenwood, Heather  College of Tropical Agriculture and Human Resources
The proposed project will create and utilize educational resources to assist the Foster Grandparent Program in
Gifts, Grants, and Contracts for October 2010

Non-Research

Hawaii- Government Agencies

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

Human Services, Dept - HI $117,318

UH - CES Supplemental Nutrition Assistance Program - Education

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

Project priorities are to explore practical ways to influence positive nutrition behaviors and to interactively deliver nutrition education services for Supplemental Nutrition Assistance Program participants and those eligible to participate. Supplemental funding to support FY 2010.

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

Title IV-E Eligibility Quality Assurance Project

Mokuau, Noreen K School of Social Work

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

Human Services, Dept - HI $761,837

Title IV-E Eligibility Quality Assurance Project

Mokuau, Noreen K School of Social Work

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

Transportation, Dept - HI $3,094,644

Hawaii Local Technical Assistance Program (CY 2011-2015)
Papacostas, C S Department of Civil and Environmental Engineering

Provide technology transfer to local transportation agencies.

Hawaii- Health Organizations

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

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

Rudoy, Raul C Department of Pediatrics

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

Waianae Coast Comprehensive Health Ctr $111,482

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

Umehira, Ronny T Chancellor, Leeward Community College

Provide a Pre Health Bridge program; a Substance Abuse Counseling program of study; a Community Health Worker I & II program of study; a Program Information Session for each program of study; student support services; and instruction for the Waianae Health Academy.
Funds Received from UH Foundation for 10/01/2010 - 10/31/2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation $52,268
*The Matsuda Sano Chair*

Boland, Mary G School of Nursing and Dental Hygiene

Contract agreement for the transfer of funds from The Matsuda Sano Chair account to provide salary support for Dr.

University of Hawaii Foundation $6,852
*Laila Art Fellows*

Chan, Gaye M G College of Arts and Humanities

Transfer funds to pay Laila Art Fellow their month stipend.

University of Hawaii Foundation $7,500
*Confucius Institute Support*

Lau, Frederick C. Center for Chinese Studies

Provides salaries and fringe benefits for Confucius Institute support personnel, and miscellaneous office expenses and express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with

University of Hawaii Foundation $20,000
*Maunalua Bay Coastal and Watershed Coordinator*

Lerner, Darren T Sea Grant College Program

Continuation of work by Sea Grant, Malama Maunalua, and its partners, in restoring a healthy, sustainable, and resilient

University of Hawaii Foundation $49,062
*Community Based Marine and Coastal Resources Sustainable Use Project 2010-2011*

Okimoto, Darren K Sea Grant College Program

To advance coastal and ocean literacy in East and West Hawai‘i by providing formal and informal learning opportunities at schools, community meetings and events, public presentations, and other educational forums on Hawai‘i Island.

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation $33,775
*Preserving Hawaii’s Culturally Significant Native Plants*

Dunn, Christopher Lyon Arboretum

To preserve Hawaii's Culturally Significant Native Plants.

University of Hawaii Foundation $240,245
*Kamehameha School Research Fellow Program*

Soifer, Aviam William Richardson School of Law

Implement Kamehameha School Research Fellowship Program to advance knowledge, scholarship or learning in Native Hawaiian Law.

Count: 7 Total: $409,702
Gifts, Grants, and Contracts for October 2010

Non-Research

Hawaii- Non-Profit Organizations

General Contractors Association Education Foundation $126,174
  Construction Management Program
  Llewellyn, Clark School of Architecture
  To support the bachelor's degree in the interdisciplinary arts with emphasis in construction management program at the school of architecture.

Olelo Community Television $20,000
  Hawaii Educational Networking Consortium (HENC)
  Lassner, David K Information Technology Services
  To provide oversight of the two educational access cable television channels (channel 55 and 56) provided for accredited education of Oahu.

Queen Liliuokalani Children's Ctr $30,000
  Hawaiian Learning Program 2010-2011
  Mokuau, Noreen K School of Social Work
  To develop and implement the Hawaiian Learning Program for Master's Level Students at Social Work.

University of Hawaii Foundation $49,062
  Community Based Marine and Coastal Resources Sustainable Use Project 2010-2011
  Okimoto, Darren K Sea Grant College Program
  To advance coastal and ocean literacy in East and West Hawai'i by providing formal and informal learning opportunities at schools, community meetings and events, public presentations, and other educational forums on Hawai'i Island.

University of Hawaii Foundation $6,852
  Laila Art Fellows
  Chan, Gaye M G College of Arts and Humanities
  Transfer funds to pay Laila Art Fellow their month stipend.

University of Hawaii Foundation $7,500
  Confucius Institute Support
  Lau, Frederick C. Center for Chinese Studies
  Provides salaries and fringe benefits for Confucius Institute support personnel, and miscellaneous office expenses and express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with Confucius Institute programs and activities.

University of Hawaii Foundation $20,000
  Maunalua Bay Coastal and Watershed Coordinator
  Lerner, Darren T Sea Grant College Program
  Continuation of work by Sea Grant, Malama Maunalua, and its partners, in restoring a healthy, sustainable, and resilient ecosystem in Maunalua Bay and the watersheds that support it.

University of Hawaii Foundation $52,268
  The Matsuda Sano Chair
  Boland, Mary G School of Nursing and Dental Hygiene
  Contract agreement for the transfer of funds from The Matsuda Sano Chair account to provide salary support for Dr. Maureen Shannon who was appointed Matsuda Sano Chair.
Gifts, Grants, and Contracts for October 2010

Non-Research

Mainland- Business and Other

<table>
<thead>
<tr>
<th>Organization</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gilead Sciences, Inc</td>
<td>$105,410</td>
</tr>
<tr>
<td>Novo Nordisk, Inc</td>
<td>$12,044</td>
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<tr>
<td>Anheuser-Busch Foundation</td>
<td>$50,000</td>
</tr>
<tr>
<td>NSABP Foundation, Inc</td>
<td>$56,800</td>
</tr>
<tr>
<td>National Center for Academic Transformation</td>
<td>$40,000</td>
</tr>
<tr>
<td>National Aeronautics &amp; Space Administration</td>
<td>$746,164</td>
</tr>
</tbody>
</table>

Mainland- Non-Profit Organizations

<table>
<thead>
<tr>
<th>Organization</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anheuser-Busch Foundation</td>
<td>$50,000</td>
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<tr>
<td>Manoa Alcohol Project</td>
<td></td>
</tr>
<tr>
<td>Stockert, Nancy A.</td>
<td></td>
</tr>
<tr>
<td>Vice President for Student Affairs</td>
<td></td>
</tr>
<tr>
<td>NSABP Foundation, Inc</td>
<td>$56,800</td>
</tr>
<tr>
<td>Treatment Industrial Purchased Services Agreement Addendum (TIND) -- Subpart NSABP B-46-I - Genentech</td>
<td></td>
</tr>
<tr>
<td>Cho, Jonathan</td>
<td></td>
</tr>
<tr>
<td>Cancer Research Center</td>
<td></td>
</tr>
<tr>
<td>Industry sponsor Genentech provides funding for study-related events (enrollment, required tests &amp; procedures, patient monitoring, and specimen &amp; data submissions) that must be carried out by a clinical research associate/or other staff members of the Clinical Trials Unit.</td>
<td></td>
</tr>
<tr>
<td>National Center for Academic Transformation</td>
<td>$40,000</td>
</tr>
<tr>
<td>Changing the Equation</td>
<td></td>
</tr>
<tr>
<td>Pecsok, Michael H</td>
<td></td>
</tr>
<tr>
<td>Chancellor, Leeward Community College</td>
<td></td>
</tr>
<tr>
<td>The attached Readiness Narrative is a first step in the grant application process. It proposes to redesign four remedial math classes into a two class sequence with an open math lab.</td>
<td></td>
</tr>
<tr>
<td>National Aeronautics &amp; Space Administration</td>
<td>$746,164</td>
</tr>
<tr>
<td>Development of An Open-Architecture Mission Operations System to Support Multiple Small Spacecraft Missions</td>
<td></td>
</tr>
<tr>
<td>Flynn, Luke Paul</td>
<td></td>
</tr>
<tr>
<td>Hawaii Institute of Geophysics and Planetology</td>
<td></td>
</tr>
<tr>
<td>The proposed effort outlines a 3-year plan to develop a comprehensive open set of software tools designed to support the operations of one or more small spacecraft missions. The proposed work involves collaboration amongst universities and NASA Center.</td>
<td></td>
</tr>
</tbody>
</table>

Subcount: 61 Subtotal: $23,535,787
Count: 133 Total: $45,260,603
# Extramural Research Awards
## for the Month of
## October 2010
## Distribution by Sponsors

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>3</td>
<td>$200,000</td>
<td>0.92%</td>
</tr>
<tr>
<td>DHHS-Dept of Health and Human Services</td>
<td>3</td>
<td>$1,546,085</td>
<td>7.12%</td>
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<tr>
<td>DOC-Dept of Commerce</td>
<td>9</td>
<td>$3,540,483</td>
<td>16.30%</td>
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<tr>
<td>DOD-Department of Defense</td>
<td>12</td>
<td>$4,918,911</td>
<td>22.64%</td>
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<tr>
<td>DOE-Dept of Energy</td>
<td>3</td>
<td>$6,000,000</td>
<td>27.62%</td>
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<tr>
<td>DOI-Dept of Interior</td>
<td>6</td>
<td>$851,014</td>
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</tr>
<tr>
<td>Federal Agencies</td>
<td>2</td>
<td>$410,839</td>
<td>1.89%</td>
</tr>
<tr>
<td>Foreign</td>
<td>2</td>
<td>$110,600</td>
<td>0.51%</td>
</tr>
<tr>
<td>Hawaii- Business and Other</td>
<td>3</td>
<td>$118,492</td>
<td>0.55%</td>
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<tr>
<td>Hawaii- Government Agencies</td>
<td>8</td>
<td>$1,440,205</td>
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<tr>
<td>Hawaii- Health Organizations</td>
<td>1</td>
<td>$115,740</td>
<td>0.53%</td>
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<tr>
<td>Hawaii- Non-Profit Organizations</td>
<td>4</td>
<td>$417,424</td>
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<tr>
<td>Mainland- Business and Other</td>
<td>2</td>
<td>$291,453</td>
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<tr>
<td>Mainland- Health Organizations</td>
<td>4</td>
<td>$558,435</td>
<td>2.57%</td>
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<tr>
<td>National Aeronautics and Space Administration</td>
<td>1</td>
<td>$112,000</td>
<td>0.52%</td>
</tr>
<tr>
<td>US Colleges and Universities</td>
<td>9</td>
<td>$1,093,135</td>
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<td><strong>Total:</strong></td>
<td><strong>72</strong></td>
<td><strong>$21,724,816</strong></td>
<td><strong>100%</strong></td>
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Extramural Non-Research Awards
for the Month of
October 2010
Distribution by Sponsors

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<thead>
<tr>
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<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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<td>DA-Dept of Agriculture</td>
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<td>$400,000</td>
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<td>$566,222</td>
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<tr>
<td>DOC-Dept of Commerce</td>
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<td>$445,000</td>
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<tr>
<td>DOD-Department of Defense</td>
<td>1</td>
<td>$375,752</td>
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<tr>
<td>ED-Dept of Education</td>
<td>17</td>
<td>$11,513,288</td>
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<tr>
<td>Federal Agencies</td>
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<td>$1,531,654</td>
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</tr>
<tr>
<td>Foreign</td>
<td>4</td>
<td>$294,278</td>
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<tr>
<td>Hawaii- Business and Other</td>
<td>1</td>
<td>$7,500</td>
<td>0.03%</td>
</tr>
<tr>
<td>Hawaii- Dept of Education</td>
<td>2</td>
<td>$153,939</td>
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<tr>
<td>Hawaii- Government Agencies</td>
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<tr>
<td>Hawaii- Health Organizations</td>
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<td>$117,457</td>
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</tr>
<tr>
<td>Hawaii- Non-Profit Organizations</td>
<td>8</td>
<td>$311,856</td>
<td>1.33%</td>
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<tr>
<td>Mainland- Business and Other</td>
<td>2</td>
<td>$117,454</td>
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<tr>
<td>Mainland- Non-Profit Organizations</td>
<td>3</td>
<td>$146,800</td>
<td>0.62%</td>
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<tr>
<td>National Aeronautics and Space Administration</td>
<td>1</td>
<td>$746,164</td>
<td>3.17%</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>61</strong></td>
<td><strong>$23,535,787</strong></td>
<td><strong>100%</strong></td>
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### Extramural Research Awards
#### Year to Date: 07/01/10 - 10/31/10
#### Distribution by Sponsors

<table>
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<th>NO. OF AWARDS</th>
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<th>PERCENT</th>
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<td>DA-Dept of Agriculture</td>
<td>39</td>
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<td>DHHS-Dept of Health and Human Services</td>
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<td>$43,542,650</td>
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<tr>
<td>DOC-Dept of Commerce</td>
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<td>$25,899,963</td>
<td>16.47%</td>
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<tr>
<td>DOD-Department of Defense</td>
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<td>DOE-Dept of Energy</td>
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<td>$14,199,873</td>
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<tr>
<td>DOI-Dept of Interior</td>
<td>51</td>
<td>$5,384,088</td>
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<tr>
<td>ED-Dept of Education</td>
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<tr>
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</tr>
<tr>
<td>Foreign</td>
<td>12</td>
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<tr>
<td>Hawaii- Business and Other</td>
<td>11</td>
<td>$579,363</td>
<td>0.37%</td>
</tr>
<tr>
<td>Hawaii- Government Agencies</td>
<td>45</td>
<td>$5,714,767</td>
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</tr>
<tr>
<td>Hawaii- Health Organizations</td>
<td>2</td>
<td>$200,733</td>
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</tr>
<tr>
<td>Hawaii- Non-Profit Organizations</td>
<td>23</td>
<td>$1,082,208</td>
<td>0.69%</td>
</tr>
<tr>
<td>Mainland- Business and Other</td>
<td>17</td>
<td>$1,966,573</td>
<td>1.25%</td>
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<tr>
<td>Mainland- Health Organizations</td>
<td>9</td>
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<td>0.72%</td>
</tr>
<tr>
<td>Mainland- Non-Profit Organizations</td>
<td>14</td>
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<tr>
<td>National Aeronautics and Space Administration</td>
<td>19</td>
<td>$2,373,696</td>
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<tr>
<td>National Science Foundation</td>
<td>62</td>
<td>$21,537,773</td>
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<tr>
<td>US Colleges and Universities</td>
<td>44</td>
<td>$5,481,460</td>
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<tr>
<td><strong>Total:</strong></td>
<td><strong>516</strong></td>
<td><strong>$157,274,084</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>10</td>
<td>$2,617,952</td>
<td>1.90%</td>
</tr>
<tr>
<td>DHHS-Dept of Health and Human Services</td>
<td>26</td>
<td>$6,680,763</td>
<td>4.85%</td>
</tr>
<tr>
<td>DOC-Dept of Commerce</td>
<td>20</td>
<td>$37,540,997</td>
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<tr>
<td>DOD-Department of Defense</td>
<td>3</td>
<td>$404,713</td>
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<tr>
<td>DOE-Dept of Energy</td>
<td>1</td>
<td>$750,000</td>
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</tr>
<tr>
<td>DOI-Dept of Interior</td>
<td>12</td>
<td>$502,650</td>
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<tr>
<td>ED-Dept of Education</td>
<td>73</td>
<td>$36,535,531</td>
<td>26.51%</td>
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<tr>
<td>Federal Agencies</td>
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<td>$7,050,654</td>
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<tr>
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<tr>
<td>Hawaii- Business and Other</td>
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<td>Hawaii- Non-Profit Organizations</td>
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<tr>
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<tr>
<td>Mainland- Non-Profit Organizations</td>
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<td>0.99%</td>
</tr>
<tr>
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<td><strong>Total:</strong></td>
<td><strong>377</strong></td>
<td><strong>$137,827,503</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Note: YTD amounts include adjustments.