Gifts, Grants, and Contracts for March 2010

The following gifts, grants and contracts received by all campuses during the period March 1, 2010 through March 31, 2010 total $20,495,392. The unofficial year-to-date total is: $331,914,811.

Research

DA-Dept of Agriculture

Agriculture, Dept - Agricultural Research Svc-FED
Feasible Analysis of Ohelo as a Specialty Crop for Hawaii
Nakamoto, Stuart T  Department of Human Nutrition, Food and Animal Sciences
To generate production, environmental and economic data for feasibility studies on ohelo berry as an ornamental and value added specialty crop for Hawaii

Agriculture, Dept - FED
Sequencing of the Oriental Fruit Fly Genome
Patek, Paul Q  Department of Microbiology
Sequencing of the oriental fruit fly genome.

Agriculture, Dept - FED
Biology and Control of the Formosan Subterranean Termite
Grace, Jack Kenneth JR  Department of Plant and Environmental Protection Sciences
Develop tools and assessment methods to support community-wide termite management; detect and establish research methods for new invasive termites in Hawaii.

Agriculture, Dept - FED
Survey of Landscape and Ornamental Nurseries for Insect Pests
Hara, Arnold H  Department of Plant and Environmental Protection Sciences
The mission of this project is to detect and report occurrence and distribution of exotic insects pests (from Priority Pest Lists for 2010 and Additional pests of Concern for TY 2010) in resort landscape sand ornamental nurseries and along pest introduction pathways to these sites throughout the state of Hawai`i.

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Administration on Aging
Ha Kupuna: National Resources Center for Native Hawaiian Elders
Mokuau, Noreen K  School of Social Work
We request funds to continue our work on Ha Kupuna: National Resource Center for Native Hawaiian Elders in order to develop and disseminate knowledge of Native Hawaiian elders.

Health & Human Svc, Dept - Natl Inst of Health (NIH)
Cyclopentannelation in Total Synthesis
Tius, Marcus A  Department of Chemistry
The development of methodology for organic synthesis and its application to natural products total synthesis.

Health & Human Svc, Dept - Natl Inst of Health (NIH)
A Pooled Analysis of Mammographic Density and Breast Cancer Risk
Maskarinec, Gertraud  Cancer Research Center
This project will provide new information on how body weight affects breast cancer risk related to breast density. These findings will be useful for breast cancer risk estimation and breast cancer prevention.
Gifts, Grants, and Contracts for March 2010

Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept/NIH - Natl Cancer Institute

*Urinary Estrogen Metabolites in a 2-year Soy Trial Among Premenopausal Women*

Maskarinec, Gertraud

Cancer Research Center

The goal of this project is to perform additional analysis form a 2-year soy intervention among premenopausal women to examine the effect of soy foods on urinary estrogen metabolite patterns and to compare the effects of soy between women who produce equol and those who do not.

*Health & Human Svc, Dept/NIH - Natl Ctr for Comp & Altrntv Med*

Mechanisms by Which Selenium Influences T Helper Cells During Immune Response

Hoffmann, Peter

Department of Cell and Molecular Biology

This goal of this project is to identify specific mechanisms by which selenium influences immune response.

Health & Human Svc, Dept/NIH - Natl Ctr for Comp & Altrntv Med

Mechanisms by Which Selenium Influences T Helper Cells During Immune Response

Hoffmann, Peter

Department of Cell and Molecular Biology

This goal of this project is to identify specific mechanisms by which selenium influences immune response.

Health & Human Svc, Dept/NIH - Natl Ctr on Minority Hlth & Hlth Disprty

Pili 'Ohana Program: Partnerships to Overcome Obesity Disparities in Hawaii

Kaholokula, Joseph

Department of Native Hawaiian Health

This competing continuation proposal seeks funding for a 5-year intervention project on weight loss maintenance among Native Hawaiians and Pacific Peoples based on a community-based participatory research model.

Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst

University of Hawaii Research Scientist Award in Molecular Cardiology

Shohet, Ralph Victor

Department of Medicine

Phase II (years 3-7) will establish a research and education program with the recruited scientist as principal investigator.

Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst

Rho Kinase in Immune-Mediated Atherosclerosis

Boisvert, William

Department of Medicine

The studies in this project are focused on the role of Rho kinase in the immune system and inflammation as well as immune-related vascular function. The major goals of the study are to study the involvement of Rho-kinase in various macrophage function and to examine how this affects immune-mediated atherogenesis.

Health & Human Svc, Dept/NIH - Natl Inst on Aging

A Needle in a Haystack: New Approaches to Alzheimer's Drug Discovery from Natural Products

Williams, Philip

Department of Chemistry

The discovery of Alzheimer's Disease drug leads from marine organisms.
Gifts, Grants, and Contracts for March 2010

Research

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) $199,638
From Science to Conservation: Linking Coral Reefs, Coastal Watersheds and their Human Communities in the Pacific Islands
Richmond, Robert H Pacific Biosciences Research Center
This project addresses the impacts of watershed discharges on coral reefs in the Pacific Islands and translating science into policy and management approaches to protect these coastal marine resources.

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) $210,000
Submersible Support for Meso-Photic Coral Reef Survey in the Main Hawaiian Islands
Wiltshire, John C Hawaii Undersea Research Laboratory
To conduct submersible and ship operations in support of NOAA Fisheries (F. Parrish) research on the meso-photic coral reef ecosystems in the main Hawaiian islands.

DOD-Department of Defense

Defense, Dept - Air Force $750,000
Operations and Management of the Maui Supercomputing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

Defense, Dept - Air Force $100,000
Operations and Management of the Maui High Performance Computing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research development, operations and management of the Maui High Performance Computing Center.

Defense, Dept - Air Force $255,000
Operations and Management of the Maui Supercomputing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

Defense, Dept - Air Force $899,882
Operations and Management of the Maui High Performance Computing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercoming Center.

Defense, Dept - Air Force $1,511,624
Operations and Management of the Maui High Performance Computing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercoming Center.
Gifts, Grants, and Contracts for March 2010

Research

DOD-Department of Defense

Defense, Dept - Air Force  $150,000
Operations and Management of the Maui Supercomputing Center
Lassner, David K  Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

Defense, Dept - Air Force  $6,000
Operations and Management of the Maui Supercomputing Center
Lassner, David K  Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

Defense, Dept - Defense Threat Reduction Agcy  $157,919
Developing Cultural Analysis and Sociological Network Theory for Understanding Virtual Communities and their Intrinsic Relationships on the Web
Chai, Sunki  Department of Sociology
This project is aimed at the identification and characterization of virtual communities on the World Wide Web through the use of state-of-the art social science cultural and social network theories.

Defense, Dept - Defense Threat Reduction Agcy  $108,916
Evaluation of Oleander Sphinx Moth Daphnis nerii and the Giant Sphinx Moth, Cocytius antaeus, as Model Organism for Hybrid Insect MEMS Technology
Rubinoff, Daniel Z  Department of Plant and Environmental Protection Sciences
Rearing and evaluation of two moth species, one in Hawaii and one in Florida for Hybrid MEMS technology.

Defense, Dept - Dep Under Secy of Defense  $3,940,000
Managing Partner of Pacific Disaster Center
Gaines, James R  Vice President for Research
This Cooperative Agreement provides for the transfer of Federal funds for the evolution of the Pacific Disaster Center into a public-private partnership benefiting from shared responsibilities and assistance from the Department of Defense and the Managing Partner (recipient) with its internal management, administration, and development of concepts as proposed by the Recipient on August 17, 2009 in response to Funding Announcement HQ0034-09-RFCA-3001 and accepted by the Government.

Defense, Dept - Office of Naval Research  $132,504
Online Social Behaviors and Prediction of their Implications for the Physical World: A Comparative Study, Part 1
Chai, Sunki  Department of Sociology
This project is aimed at the identification and characterization of virtual communities on the world Wide Web through the use of state-of-the art social science cultural and social network theories.

Defense, Dept - Office of Naval Research  $50,000
Acoustic Seaglider: Philippine Sea Experiment
Howe, Bruce M  Department of Ocean and Resources Engineering
To deploy acoustic Seagliders in the Ocean Acoustics Deep Water experiment in the Philippine Sea in order to develop ways to improve tomographic resolution using a combination of fixed and mobile platforms, and powered autonomous undersea vehicles.
Gifts, Grants, and Contracts for March 2010

Research

DOD-Department of Defense

Defense, Dept - Office of Naval Research

**Development of a Combined Raman and LIBS System for Stand-off Detection of Explosive Residues**

Sharma, Shiv K
Hawaii Institute of Geophysics and Planetology
The purpose of this proposal is to develop a combined Raman and LIBS system for a stand-off detection of explosives and residues.

Defense, Dept - Office of Naval Research

**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.

DOI-Dept of Interior

Interior, Dept - U.S. Geological Survey

**Ecohydrological Field Research in Hawaii**

Giambelluca, Thomas W
Department of Geography
We will maintain the HaleNet system on Maui, consisting of 9 active climate stations, two repeaters, and a base station. On Hawaii Island, we will operate two advanced flux towers measuring energy, water, and carbon exchanges over one native forest site and one strawberry guava-invaded site.

Interior, Dept - U.S. Geological Survey

**Using Gamma-Ray, Neutron, and Spectral Reflectance Data to Obtain Accurate Measures of Global Iron Abundances**

Gillis-Davis, Jeffrey
Hawaii Institute of Geophysics and Planetology
Determine the source of discrepancies in estimated iron compositions for the Moon between three different data sets: gamma-ray, neutron, and spectral reflectance data.

Federal Agencies

Homeland Security, Dept - FED


Bingham, Brian S
Department of Mechanical Engineering
The research objective of this proposal is to apply cutting-edge methods in autonomous systems, in-situ chemical sensing, image processing and sensor fusion to create an unmanned port security vessel, providing real-time, multi-sensor decision support for DHS missions.

Foreign

Canadian Space Agency

**Interchange Canada Agreement Extension**

Binsted, Kimberly Anne
Department of Information and Computer Sciences
I would like to extend my secondment to the CSA for one more semester, until August 15 2010. My main research here is on augmented shared reality systems for human exploration of planetary surfaces. I’m also working on an analogue deployment to take place on the Big Island in Jan/Feb 2010, and follow-up activities.
Gifts, Grants, and Contracts for March 2010

Research

Hawaii- Business and Other

Hawaii BioEnergy, LLC
  NSF Center for Bioenergy Research & Development - Hawaii BioEnergy LLC Membership
  Turn, Scott Q, Hawaii Natural Energy Institute
  Hawaii BioEnergy LLC is paying for a membership in the University of Hawaii site of the NSF supported Center for Bioenergy Research & Development.

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

TREX Enterprises Corp.
  Modeling and Simulation of an Ocean WEC Device for Sensor Applications - Phase II
  Ertekin, R Cengiz C, Department of Ocean and Resources Engineering
  An Ocean Wave Energy Conversion device will be analyzed and tested to determine its technical feasibility.

Hawaii- Government Agencies

Agriculture, Dept - HI
  Comparative Advantage of Hawaii's Agricultural Exports to the Japan Markets
  Leung, Ping Sun, Department of Molecular Biosciences and Bioengineering
  To document and assess the competitive and comparative advantage of selected agricultural exports to Japan and summarize the results in a fact-sheet for public dissemination.

Defense, Dept - Civil Defense-HI
  Tsunami Inundation Maps for Hawaii
  Cheung, Kwok Fai, Department of Ocean and Resources Engineering
  Develop tsunami inundation maps for Hawaii.

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI
  Three Mountain Alliance Planning and Management
  Morden, Clifford W, Department of Botany
  Coordinate the watershed protection plan of the Three Mountain Alliance and address priority objectives of the management plan.

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI
  Population Distribution and Trends in the Hawaiian Hoary Bat: Puu ka Pele Forest Reserve
  Ziegler-Chong, Sharon, Pacific Aquaculture-UHH
  Trends in bat occupancy will be monitored using acoustic recordings of bat vocalization in the Puu ka Pele Forest Reserve.

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI
  Plant Restoration and Enhancement, Rare Plat Facility EPRE 10 (Pahole)
  Sugii, Nellie C, Lyon Aboretum
  Conservation of rare plants on Oahu, by using genetic management, propagation, seed storage and species restoration to increase and stabilize populations.
Gifts, Grants, and Contracts for March 2010

Research

Hawaii- Government Agencies

Land & Natural Res, Dept - HI
The State of Hawaii’s Plant Extinction Prevention Program
Morden, Clifford  W
Department of Botany
Prevent the extinction of critically endangered native plants through collection of genetic materials for future use in propagation and reintroduction into the wild.

Land & Natural Res, Dept - HI
Threatened & Endangered Species Recovery: Kauai
Duffy, David  C
Department of Botany
Conduct applied field research to promote recovery of Kauai's threatened and endangered plants.

Hawaii- Health Organizations

Queen's Medical Center
Prototype Academic Medical Department Model for Behavioral Health Research
Hishinuma, Earl  S
Department of Psychiatry
To accelerate the quantity and quality of health-related behavioral health research in Hawaii and improve quality of care for patients at QMC and in Hawaii, through translational research.

Hawaii- Non-Profit Organizations

Angus (Myra W & Jean Kent) Foundation
Luminex Technology Based Serodiagnostic Assay for the Rapid Detection of Avian Influenza Virus and Arboviruses
Nerurkar, Vivek  R
Dept of Trop Med, Medical Microbiology and Pharmacology
The objective of this research is to develop rapid diagnostic tests for detection and surveillance of avian influenza, dengue, Chikungunya, and Zika viruses infection. The rationale is that these pathogens have potential to be imported in Hawaii, which will affect the health of the people, and the ecosystem of Hawaii.

Tri-Isle Resource Conservation & Dev Council
East Maui Mountains Watershed (ARRA)
Morden, Clifford  W
Department of Botany
Conduct applied research and management of the native forests in East Maui's watershed.

University of Hawaii Foundation
Preserving Hawaii's Culturally Significant Native Plants
Dunn, Christopher
Lyon Aboretum
To preserve Hawaii's Culturally Significant Native Plants.

University of Hawaii Foundation
DNA Barcoding of Endemic Hawaiian Species
Price, Donald
Biology-UHH
Validity of DNA barcoding of recently derived species is understood based on the testing of endemic species in the Hawaiian archipelago and especially the young Hawaii Island
Gifts, Grants, and Contracts for March 2010

Research

Mainland- Business and Other

Brookhaven National Laboratory
US ATLAS Research Program Office for Upgrade R&D
Parker, Sherwood I Department of Physics and Astronomy
Continuation of the development of silicon pixel radiation sensors designed for the innermost layers of the ATLAS silicon tracking system.

Cazador
Assessment of Health Effects Associated with VOG Exposure, Hawai'i Island
Tam, Elizabeth K Department of Medicine
Characterize susceptible-VOG populations in the HICLASS cohort, characterize exposure to VOG, assess acute and long term impact on asthma exacerbations.

Emmes Corporation
UH Affiliate Subsite of AIDS Malignancy Consortium (Clinical Site Agreement Between EMMES Corp. & UH; AMC Grant #U01CA121947)
Shiramizu, Bruce T Department of Medicine
UH Affiliate Subsite of AIDS Malignancy Consortium (Clinical site agreement between EMMES Corp. & UH; AMC Grant #U01CA121947).

Space Telescope Science Institute
Determining the Rotational Phase of Comet 9P/Tempel 1 in Support of the StardustNExt Mission
Meech, Karen J Institute for Astronomy
Analyze the rotation of comet 9P/Tempel 1.

Mainland- Non-Profit Organizations

Southwest Research Institute
JUNO Science Support Phase B/C/D Activities
Owen, Tobias Institute for Astronomy
Dr. Owen will provide guidance and review of all Education and Public Outreach activities. He will also assist in analysis, modeling and interpretation of models of Jupiter formation.

National Aeronautics and Space Administration

National Aeronautics & Space Administration
Water and Habitable Worlds
Meech, Karen J Institute for Astronomy
This project will trace the history of water from its formation in the interstellar medium to incorporation in the solar system, how it reaches the terrestrial planets, and its role in life.

National Aeronautics & Space Administration
Water and Habitable Worlds
Meech, Karen J Institute for Astronomy
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Gifts, Grants, and Contracts for March 2010

Research

National Aeronautics and Space Administration

National Aeronautics & Space Administration
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
Studying Complex Ejecta at L1 Using Realistic Models of CME Evolution and Interplanetary Magnetic Field
Lugaz, Noe Institute for Astronomy
We propose to investigate the evolution of Coronal Mass Ejection (CME) into a interplanetary magnetic field (IMF), and the interaction of multiple CMEs from the Sun. By modeling the IMF from the Sun to L1, we will provide

National Aeronautics & Space Administration
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.

National Aeronautics & Space Administration
Detecting Dark Energy from WMAP and Pan-STARRS1
Szapudi, Istvan Institute for Astronomy
We propose to detect the Integrated Sachs-Wolf (ISW) effect in the WMAP (Wilkinson Microwave Anisotropy Probe) CMB (Cosmic Microwave Background maps using the one year Pan-STARRRS1 (PS1) photometric LRG (Sloan Luminous Red Galaxy) sample.

National Aeronautics & Space Administration
A GALEX Search for the Missing Young Low-Mass Stars within 100 pc
Liu, Michael C Institute for Astronomy
We propose an archival study to combine the GALEX/All-Sky Imaging Survey (AIS) with extensive ground-based photometric and proper-motion catalogs to identify the nearest young low-mass (M-type) stars.

National Aeronautics & Space Administration
Mars Surface Composition in a Geological Context
Taylor, G Jeffrey Hawaii Institute of Geophysics and Planetology
This project will use data from Mars mission to understand the formation and geological and geochemical evolution of the martian crust.

National Science Foundation

National Science Foundation
Untangling the Energetics and Dynamics of Reactions of Ground State Silicon Atoms with Small Hydrocarbon Radicals
Kaiser, Ralf Ingo Department of Chemistry
We want to find out how organo silicon molecules are formed in extreme environments.
Gifts, Grants, and Contracts for March 2010

Research

National Science Foundation

National Science Foundation

CAREER: Characterizing Reproductive Isolation Within the Hawaiian Metrosideros Species Complex
Stacy, Elizabeth
Characterize the strengths and stages of reproductive isolation (RI) between taxa within each of several mixed stands that vary in the degree of hybridization

National Science Foundation

Doctoral Dissertation Research: Applying Bathymetric LiDAR to Advance Marine Landscape Ecology in the Third Dimension
Jorgensen, Stacy M
Department of Geography
This research will apply remotely sensed data to conduct predictive modeling of fish assemblage structure such as

US Colleges and Universities

California Institute of Technology

Detecting Transient Surface Features via Dynamic Landmarking
Schorghofer, Norbert
Institute for Astronomy
Dr. Norbert Schorghofer will perform analysis on Martian dark slope streaks. He will also travel to JPL to coordinate research.

California Irvine, University of

Genetic Signatures of Dengue Virus Emergence
Bennett, Shannon N
Dept of Trop Med, Medical Microbiology and Pharmacology
Dengue virus, causing fever with occasional hemorrhaging, is expanding worldwide, producing more frequent, severe epidemics. Evidence suggests genetic changes in circulating viruses underlie these dynamics. We compare virus sequence data from multiple populations all undergoing endemic/epidemic transitions for a universal genetic factor.

California Los Angeles, University of

Subcontract from "CAREER: The Coordination of Leaf Hydraulics, Structure and Gas Exchange"
Ranker, Thomas A
Department of Botany
Research on the coordination of leaf structure, hydraulics, physiology and ecology of native Hawaiian plant species. Support for UHM Botany Department graduate students as research assistants for the project.

California San Diego, University of

Optimization of Algae Lipid Yields by Regulation of Growth Physiology, and Design Consultation, Analytical Services and Monitoring of Algae Cultures
Church, Matthew J.
Department of Oceanography
Experiment and monitoring design for implementation by scientists and technicians in collaboration with staff at General Atomics and UCSD for outdoor mass algal culture facilities in La Jolla and Hawaii.

California San Diego, University of

Optimization of Algae Lipid Yields by Regulation of Growth Physiology, and Design Consultation, Analytical Services and Monitoring of Algae Cultures
Church, Matthew J.
Department of Oceanography
Experiment and monitoring design for implementation by scientists and technicians in collaboration with staff at General Atomics and UCSD for outdoor mass algal culture facilities in La Jolla and Hawaii.
Gifts, Grants, and Contracts for March 2010

Research

US Colleges and Universities

Johns Hopkins University $13,840
  Longitudinal Survey of Quality of Life and School for Military Children and Their Parents Stationed in Hawaii
  Berg, Kathleen F Curriculum Research and Development Group
  For 3-year longitudinal study, provide input into parent and children questionnaires, consulting on focus group sampling, and assistance with logistics in setting up focus groups as well as consultation on data interpretation, review and critique of reports, and participation in annual debriefing sessions.

Maryland, University of $65,000
  EPOXI Mission
  Meech, Karen J Institute for Astronomy
  To reduce and analyze data obtained (including recovering the comet) and characterizing the nucleus for the EPOXI Mission.

Oregon State University $257,598
  Human Health/Aquaculture: BMP
  Haws, Maria C. Pacific Aquaculture-UHH

Oregon, University of $38,148
  The Pacific Center for Ocean Science Education Excellence (COSEE Pacific)
  Hadfield, Michael G Pacific Biosciences Research Center
  Participate with the University of Oregon to further develop partnerships and outreach activities for the Center for Ocean Science Education Excellence (COSEE).

Utah State University $53,485
  Sunn hemp and its Allelopathic Compounds for Vegetable Production in Hawaii and Beyond
  Wang, Koon-Hui Department of Plant and Environmental Protection Sciences
  Improve and promote the use of the sunn hemp as a cover crop through the understanding of its toxic compounds for sustainable pest management.

Subcount: 75 Subtotal: $16,727,206

Non-Research

DA-Dept of Agriculture

Agriculture, Dept - Center for Tropical and Subtropical Aquaculture $20,000
  Pacific Regional Aquaculture Information Service for Education (PRAISE), Year 8
  Anderson, Kristen L Library
  Promote transfer or information within the Pacific aquaculture community including creating educational resources, promoting communications, and ongoing information delivery services.
Gifts, Grants, and Contracts for March 2010

Non-Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept/NIH - Natl Inst of Diabetes,Digestive,Kidney Dis $178,901
  High School Students Step Up to Biomedical Research
  Hui, George S N Dept of Trop Med, Medical Microbiology and Pharmacology
  Provide biomedical research training for high school students of ethnic minority and economically disadvantaed background.

DOD-Department of Defense

Defense, Dept - Air Force Ofc of Scientific Rsch $50,000
  The Panoramic Survey Telescope and Rapid Response System (Pan-STARRS) Project
  Kaiser, Nicholas Institute for Astronomy
  Design and construction of the Panoramic Survey Telescope and Rapid Response System (Pan-STARRS)

Federal Agencies

Corporation for National and Community Service $4,000
  HIPICC VISTA Project
  Pascua, Atina T Vice President for Student Affairs
  This VISTA proposal will meet the needs of low income communities in Hawaii and the Pacific Island Territories of American Samoa, Guam, and the Commonwealth of the Northern Marianas (CNMI). The VISTA positions will help to develop programs that will help with literacy and economic revitalization.

Office of the Director of National Intelligence $27,000
  2010 Regional Intelligence Community Colloquium
  Shultz, Edward J School of Pacific and Asian Studies
  Provide a quality experience for attendees and participants for the 2010 Spring colloquium on National Security Studies, February 10-11, 2010.

Foreign

American Samoa, Govt of $1,183,853
  American Samoa Territorial Training Assistance Project - 2008
  Zuercher, Deborah College of Education
  To provide a Bachelor of Education degree and teacher certification to upgrade the skills of in service teachers in American Samoa.

Commonwealth of Northern Mariana Islands $167,931
  Project BRABU Evaluation and Data Management
  Roberts, Kelly D Center on Disability Studies
  The evaluation team will develop and implement data collection, management, analysis, interpretation and reporting plans, and lead on this objective and ensure stakeholder input is fully integrated.
Gifts, Grants, and Contracts for March 2010

Non-Research

Foreign

Elsevier Science Ltd. $20,800
   International Journal FY 2003
   Landis, Dan Psychology-UHH

Guam, University of $41,529
   Guam/Micronesia Area Health Education Center
   Withy, Kelley Marie Department of Complementary and Alternative Medicine
   Assisting with infrastructure and evaluation development for new Guam/Micronesia AHEC.

Republic of Palau, Ministry of Commerce & Trade $20,000
   PBCP-AAPI Support 2010 Palau
   Morton, John F Vice President for Community Colleges
   This award supports economic development and technical assistance work of the Pacific Business Center Program under the University of Hawaii grant from the Economic Development Administration, US Department of Commerce.

Hawaii- Dept of Education

Education, Dept - HI $8,000
   To Plan, Develop and Implement a Business and Marketing Plan Competition
   Roley, V. Vance Shidler College of Business
   Provide administrative support to organize the 2010 High School Marketing Plan and Business Plan Competitions.

Education, Dept - HI $150,000
   Designing Algebra Resources for Teachers
   Gilbert, Michael J. Curriculum Research and Development Group
   The project will create a partnership between HIDOE, UH COE, UH Department of Arts and Sciences, Hawaii Community Colleges. The project activities will be to create and disseminate replacement algebra units and companion teacher educative materials.

Education, Dept - HI $45,000
   An Evaluation of the Campbell Complex's 21st Century Community Learning Centers' Project in 2009-2010
   Higa, Terry Ann Curriculum Research and Development Group
   The evaluators will study project implementation and outcomes. The evaluators will (a) meet w/ site coordinators to discuss the eval design, methods, and timeline, (b) provide site coordinators w/ data-collection e-forms or hard copies for return on agreed-upon timeline, (c) analyze data, and (d) report findings.

Education, Dept - HI $150,000
   Kapalama Algebra Readiness in the Elementary School: KARES
   Olson, Melfried Curriculum Research and Development Group
   This program will provide for three-years of staff development in mathematics for teachers at Kapalama Elementary School.
Gifts, Grants, and Contracts for March 2010

Non-Research

Hawaii- Dept of Education

Education, Dept - HI
College Algebra Readiness for Every Student (CARES) Project
Gilbert, Michael J. Curriculum Research and Development Group

The goal of the CARES project is to increase the number of high school graduates who are ready for college-level mathematics.

Hawaii- Government Agencies

Acctg & General Svc, Dept - State Fdn on Culture & the Arts-HI
Statewide Cultural Extension Program - Presenting, Touring and Outreach
Slaughter, Timothy Roy Outreach Community Programs
Lecture-demonstrations and cultural programs in various community venues.

County of Maui - Ofc of Economic Development
Expansion of Allied Health Programs at Maui Community College
Johnson, Nancy K Chancellor, University of Hawaii Maui College
Continue expanded enrollments on the Allied Health Department nursing and dental assisting program and admit to the new AS Dental Hygiene Program.

Hawaiian Home Lands, Dept - HI
Agricultural Education Program Contract 2009-2010
Nishijima, Wayne T College of Tropical Agriculture and Human Resources
Provide educational and technical services to DHHL agricultural and pastoral leaseholders for commercial and subsistence agricultural production, in areas such as crop production, management, marketing, financial and business skills.

Human Services, Dept - Ofc of Youth Svcs-HI
Office of Youth Services Request for Information
Umemoto, Karen N Department of Urban and Regional Planning
We will conduct the Request for Information Process for the State Office of Youth Services by organizing and facilitating public meetings regarding funding needs for youth services in the state. This includes a series of meetings with stakeholders and the analysis and presentation of public comments.

Hawaii- Health Organizations

Queen's Medical Center
'Ike Ao Pono/Native Hawaiian Health Initiative
Minton, B. Nalani School of Nursing and Dental Hygiene
Financial student and program support including academic tutor, scholarships, cultural program costs (see typical example of budget for program expenditures, including food and lei), graduation events, workshops, conferences, special projects including film, research, fundraising activities, cultural exchanges, excursions and activities.
Gifts, Grants, and Contracts for March 2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation
   Filipino and Philippine Literature Program
   Mabanglo, Ruth S  Department of Indo-Pacific Languages and Literatures
   The Program will hire an assistant to help the coordinator to check papers, assist in teaching one course, coordinating cultural community activities.

University of Hawaii Foundation
   Theatre and Dance Operating Expenses
   Carroll, W Dennis  Department of Theatre and Dance
   To support the general operations of the Department of Theatre and Dance. Services provided include the maintenance of the facilities by student assistants; purchasing of stage, lighting, and other theatrical/dance supplies; office supplies; and other goods & services that may be required by the Department.

University of Hawaii Foundation
   Mansfield Freeman Research Assistants
   Kipnis, Kenneth  Department of Philosophy
   To pay for the salary & fringe for two graduate research assistants for the Philosophy Department.

University of Hawaii Foundation
   Coral Industries Distinguished Professor of Renewable Energy Chairholder
   Antal, Michael J JR  Hawaii Natural Energy Institute
   To provide for salary, fringe benefit costs, and other program expenses.

University of Hawaii Foundation
   Philosophy in the Schools Educational Specialists
   Jackson, Thomas E  Department of Philosophy
   Educational Specialists to assist classroom teachers in philosophical discussions with students; help prepare classroom lessons; maintain research journals.

University of Hawaii Foundation
   Sustainable Living Institute of Maui (SLIM)
   Sakamoto, Clyde M  Chancellor, University of Hawaii Maui College
   The work consists of furthering the mission of the Sustainable Living Institute of Maui. This includes program management and administration as well as administrative support. This work is currently undertaken by the Executive Director and a casual hire and may include future additional staff as needed.

University of Hawaii Foundation
   Financial Engineering Course
   Teramura, Alan H  College of Natural Sciences
   To cover the salary for Tom Ramsey, Professor, College of Natural Sciences for teaching "Partial Differential Equations and Stochastic Calculus" in the Master of Financial Engineering Program for the Fall 2009 semester.

University of Hawaii Foundation
   The Florence Macaulay Lecture
   Shultz, Edward J  School of Pacific and Asian Studies
   To fund the Florence Macaulay Lectures in Asian and Pacific Studies.
Gifts, Grants, and Contracts for March 2010

Non-Research

**Hawaii- Non-Profit Organizations**

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".

**Mainland- Business and Other**

Anheuser-Busch Companies, Inc $60,000
Expanding the Manoa Alcohol Project
Stockert, Nancy A Vice Chancellor for Student Affairs
The project will continue and expand the present Manoa Alcohol Project, to provide alcohol prevention programming for undergraduates at UH - Manoa, primarily using a social norms approach.

**Mainland- Health Organizations**

American Heart Association $24,772
Ethnic Differences in Omega-3 Fatty Acids and Cardiovascular Mortality
Wilkens, Lynne R Cancer Research Center
This research project is to use biostatistics and epidemiology approach to study the relationship of omega-3 fatty acids from eating fish and the chances of dying of heart disease based on the multiethnic cohort data collected by the Cancer Research Center of Hawaii.

**Mainland- Non-Profit Organizations**

Casey (Annie E.) Foundation $75,000
2008 Hawaii Kids Count Plan Guidelines
Yuen, Sylvia H L Center on the Family
Hawaii Kids Count's objective is to improve the well-being of Hawaii's children and families by increasing public awareness of their conditions and serving as a catalyst for positive action on their behalf. Activities include maintaining a database of child and family indicators, tracking indicators over time, and writing/disseminating reports on critical issues.

**National Science Foundation**

National Science Foundation $8,424
SUPER-M: School and University Partnership for Educational Renewal in Mathematics
Chyba, Monique Department of Mathematics
This request is for supplemental funding for an international component for John Marriott, a GK-12 fellow. The activities in this proposal will greatly advance John's Ph.D. research, provide education in the area of control theory, and further his understanding of K-12 issues by study of other educational systems.

National Science Foundation $266,476
Graduate Research Fellowship Program
Garrod, Peter V Graduate and Professional Education
To provide graduate students the opportunity to further their education by funding their research projects.
Non-Research

US Colleges and Universities

Regis University

Building Educational Success Together (BEST)
Pascua, Atina T, Service Learning
To support ongoing efforts towards educational success through civic engagement initiatives in Hawaii.

Webster University - International Brecht Society

13th Symposium of the International Brecht Society on "Brecht in/and Asia" at UH from May 19-23, 2010
Wessendorf, Markus W, Department of Theatre and Dance
The 13th symposium of the International Brecht Society will be a 5-day conference of presentations by theatre scholars from East and West on two themes: Brecht's borrowings from and references to Asian culture (in his theatre theory, drama, poetry, etc), and the reception of his work in Asia (with regard to dramaturgies, performance styles, and political aesthetics).

Subcount: 36
Count: 111
Subtotal: $3,768,186
Total: $20,495,392
Funds Received from UH Foundation for 03/01/2010 - 03/31/2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation $75,000
"Coral Industries Distinguished Professor of Renewable Energy Chairholder"
Antal, Michael J Hawaii Natural Energy Institute
To provide for salary, fringe benefit costs, and other program expenses.

University of Hawaii Foundation $13,000
"Theatre and Dance Operating Expenses"
Carroll, W Dennis Department of Theatre and Dance
To support the general operations of the Department of Theatre and Dance. Services provided include the maintenance of the facilities by student assistants; purchasing of stage, lighting, and other theatrical/dance supplies; office supplies; and other goods & services that may be required by the Department.

University of Hawaii Foundation $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 $5,000
"Philosophy in the Schools Educational Specialists"
Jackson, Thomas E Department of Philosophy
Educational Specialists to assist classroom teachers in philosophical discussions with students; help prepare classroom lessons; maintain research journals.

University of Hawaii Foundation $28,916
"Mansfield Freeman Research Assistants"
Kipnis, Kenneth Department of Philosophy
To pay for the salary & fringe for two graduate research assistants for the Philosophy Department.

University of Hawaii Foundation $2,000
"Filipino and Philippine Literature Program"
Mabanglo, Ruth S Department of Indo-Pacific Languages and Literatures
The Program will hire an assistant to help the coordinator to check papers, assist in teaching one course, coordinating cultural community activities.

University of Hawaii Foundation $95,000
"Sustainable Living Institute of Maui (SLIM)"
Sakamoto, Clyde M Chancellor, University of Hawaii Maui College
The work consists of furthering the mission of the Sustainable Living Institute of Maui. This includes program management and administration as well as administrative support. This work is currently undertaken by the Executive

University of Hawaii Foundation $3,500
"The Florence Macaulay Lecture"
Shultz, Edward J School of Pacific and Asian Studies
To fund the Florence Macaulay Lectures in Asian and Pacific Studies.
Funds Received from UH Foundation for 03/01/2010 - 03/31/2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation $23,500
"Financial Engineering Course"
Teramura, Alan H College of Natural Sciences
To cover the salary for Tom Ramsey, Professor, College of Natural Sciences for teaching "Partial Differential Equations and Stochastic Calculus" in the Master of Financial Engineering Program for the Fall 2009 semester.

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation $32,550
"Preserving Hawaii's Culturally Significant Native Plants"
Dunn, Christopher Lyon Arboretum
To preserve Hawaii's Culturally Significant Native Plants.

University of Hawaii Foundation $541,347
"DNA Barcoding of Endemic Hawaiian Species"
Price, Donald Biology-UHH
Validity of DNA barcoding of recently derived species is understood based on the testing of endemic species in the Hawaiian archipelago and especially the young Hawaii Island

Count: 11 Total: $824,813
### Extramural Research Awards for the Month of March 2010
#### Distribution by Sponsors

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>4</td>
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<td>National Science Foundation</td>
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<tr>
<td><strong>Total:</strong></td>
<td><strong>75</strong></td>
<td><strong>$16,727,206</strong></td>
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## Extramural Non-Research Awards

**for the Month of March 2010**

**Distribution by Sponsors**

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
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<tr>
<td>DA-Dept of Agriculture</td>
<td>1</td>
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<td>0.53%</td>
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<tr>
<td>DHHS-Dept of Health and Human Services</td>
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<td>$178,901</td>
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<tr>
<td>DOD-Department of Defense</td>
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<td><strong>Total:</strong></td>
<td><strong>36</strong></td>
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Extramural Research Awards
Year to Date: 07/01/09 - 03/31/10
Distribution by Sponsors

<table>
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<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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<td>DOC-Dept of Commerce</td>
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Note: YTD amounts include adjustments.
Extramural Non-Research Awards
Year to Date: 07/01/09 - 03/31/10
Distribution by Sponsors

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Note: YTD amounts include adjustments.