Gifts, Grants, and Contracts for January 2009

The following gifts, grants and contracts received by all campuses during the period January 1, 2009 through January 31, 2009 total $16,921,864.

This report is also available for viewing at: http://www.hawaii.edu/ors/Board_Reports.htm

Research

DHHS-Dept of Health and Human Services

National Institute of Allergy and Infectious Diseases/NIH/DHHS
Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms
Mariana Gerschenson
John A. Burns School of Medicine
39 million people are living with HIV and when they are treated with drugs like d4T or ZDV this can cause side-effects like fat loss that we are trying to understand and prevent.

National Institutes of Health/DHHS
Institute for Biogenesis Research: COBRE
William S Ward
Dept Anatomy, Biochemistry, Physiology and Reproductive Biol
Develop the existing Institute for Biogenesis Research into a multi-disciplinary research center for reproductive biology research.

DOC-Dept of Commerce

National Oceanic & Atmospheric Administration/Department of Commerce
Reducing Shark Bycatch with Electropositive Metals
Thomas A Schroeder
Joint Institute for Marine and Atmosperic Research
To conduct experimental longline trials field-testing the effects of E+metals on the catch rates of sharks and other fish species.

National Oceanic & Atmospheric Administration/Department of Commerce
Field & Household Assessment of Non-Commercial Fishing - Pohnpei
Kevin D Hopkins
Pacific Aquaculture-UHH
Conduct surveys to determine the total amount of reef fish being extracted from Pohnpei's surrounding reef and lagoon by the non-commerical (subsistence) fishing sector and to document per capita consumption values

DOD-Department of Defense

DOD-U.S. Army Medical Research & Material Command
ICU Multipoint Military Pacific Consultation Using Telehealth II (IMMPACT II)
Benjamin W Berg
John A. Burns School of Medicine
Conduct research to evaluate the ability of a specialist physician located at Tripler Army Medical Center to provide team leadership for a team of doctors and nurses in Korea using a remote telemedicine system. The team in Korea practices on mannequin that simulates a medical crisis, and the specialist in Hawaii advises during the crisis simulation.

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

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### Gifts, Grants, and Contracts for January 2009

#### Research

**DOD-Department of Defense**

- **Department of the Air Force**
  - **Operations and Management of the Maui High Performance Computing Center**
  - David K Lassner, Information Technology Services
  - Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.
  - Cost: $25,300

- **Department of the Air Force**
  - **Operations and Management of the Maui High Performance Computing Center**
  - David K Lassner, Information Technology Services
  - Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.
  - Cost: $34,092

- **Department of the Air Force**
  - **Operations and Management of the Maui Supercomputing Center**
  - David K Lassner, Information Technology Services
  - Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.
  - Cost: $83,550

- **Office of Naval Research**
  - **Ion Tiger UAV**
  - Richard E Rocheleau, Hawaii Natural Energy Institute
  - Conduct research for the improvements of power sources for small military systems via material and systems development.
  - Cost: $250,000

**DOE-Dept of Energy**

- **Department of Energy**
  - Stephen L Olsen, Department of Physics and Astronomy
  - Primary purpose of this research is the understanding of the properties of the elementary constituents of matter and the nature of the fundamental forces between them.
  - Cost: $690,833

- **Department of Energy**
  - **Hawaii Distributed Energy Resource Technologies for Energy Security - Phase 3**
  - Richard E Rocheleau, Hawaii Natural Energy Institute
  - This phase of the project will assess the electric and transportation infrastructure for the islands of Oahu and Kauai, identify sites for electric microgrid studies, test and evaluate distributed generation and storage technologies, and address policy issues to accelerate implementation of renewable technologies.
  - Cost: $100,000

**DOI-Dept of Interior**

- **U.S. Fish & Wildlife Service/Department of the Interior**
  - **Spit Islet Ant Project and Hawaiian Islands Offshore Islet Surveys**
  - Kenneth Y Kaneshiro, Pacific Biosciences Research Center
  - Summary and analysis of 2001 ant eradication attempt on Spit Islet, Midway Atoll. Summary, analysis and creation of data source of Hawaii offshore islet arthropod survey findings and highlight islets with native arthropods.
  - Cost: $17,000
Gifts, Grants, and Contracts for January 2009

Research

DOI-Dept of Interior

U.S. Geological Survey/Department of the Interior
Hawaiian Vegetation Mapping Project: Digital Database
Sharon Ziegler-Chong Pacific Aquaculture-UHH
Enter plant data from approximately 4,000 additional stations sampled during the HFBS into the plant database

Foreign

Ludwig-Maximilians-University Munich

Procurement of Infrared Detector Arrays
Klaus W Hodapp Institute for Astronomy
UH offers to purchase focal plane arrays and application specific integrated circuits from Teledyne, obtain licenses, and store devices on behalf of sponsor, and in anticipation of subsequent contract to test devices, and develop an infrared camera for sponsor.

Trojan Technologies, Inc

Ultraviolet Radiation Technology Investigation
Victor D Moreland Water Resources Research Center
Provide assistance in testing protocols for various ultraviolet system components and full-scale systems testing and provide training materials to improve water and wastewater treatment knowledge to company personnel focusing on up-stream treatment processes that influence ultraviolet systems.

Hawaii- Business and Other

Sea Engineering, Inc

Real Time Monitoring and Establishment of an "Early Warning System" for the Sand Island Ocean Outfall Effluent Plume
Eugene R. Pawlak Department of Ocean and Resources Engineering
This project will make use of the Kilo Nalu Observatory array to collect and distribute ocean data in support of development of an early warning system to report when conditions exist that can lead to surfacing of the Sand Island ocean outfall plume.

Hawaii- Government Agencies

Hawaii-Dept of Land & Natural Resources

Growth and Reproduction of Hawaiian kala (naso unicornis)
Brian R Bowen Hawaii Institute of Marine Biology
The purpose of this study is to identify size at age, growth rates, longevity, and reproductive potential of Hawaiian unicorn fish (Naso unicornis).

Hawaii-Dept of Land & Natural Resources

Arthropod Prey Availability 2008-2009
Sharon Ziegler-Chong Pacific Aquaculture-UHH
Study the feeding ecology of the endantered 'akiapola'au (and possibly other associated speices) in old growth and managed stands of koa to help natural are maangers and silviculturalists maintain high native bird diversity
Gifts, Grants, and Contracts for January 2009

Research

Hawaii- Government Agencies

Hawaii-Dept of Land & Natural Resources

Dermal Toxicity of Aqueous Solutes in Coqui Frogs
William Mautz Natural Sciences-UHH
Experiments for an improved spray to be designed that is not as caustic as citric acid or hydrated lime but is effective on coqui frogs at lower concentrations and less damaging to sensitive plants

Hawaii-Dept of Land & Natural Resources

Marine Biological Monitoring Assessment of the Program Development
Charles Birkeland Hawaii Cooperative Fishery Research Unit
Provide marine survey design and analysis and data management expertise to support the Division of Aquatic Resources (DAR) monitoring programs in Hawaii. Additionally, summarized research relevant to making the case for area-based management in Hawaii, and assist DAR in assessing the scientific validity of current management regulations.

Hawaii-Dept of Land & Natural Resources

Support for the HISC Program
David C Duffy Department of Botany
Coordinate invasive species management, assess new invasive species risks, ensure good science is applied to management plans, and implement a public outreach program.

Hawaii-Dept of Land & Natural Resources

State of Hawaii’s Plant Extinction Prevention Program
Clifford W Morden Department of Botany
Prevent the extinction of critically endangered native plants through collection of genetic materials for future use in propagation and reintroduced into the wild.

Hawaii-High Technology Development Corp

Data Collection and Analysis to Support HCATT Electric and Hybrid Vehicle Demonstration Program
Bor Yann Liaw Hawaii Natural Energy Institute
HNEI will utilize the utility and capability developed in the previous project activities to continue this service to HCATT and Air Force APTO to facilitate the evaluation of the fleet operations and the vehicle performance of hybrid vehicles in the Hickam Air Force base.

Maui-Off of Economic Development

Evaluation of Jatropha as a Biofuel Crop in Maui County
Harold H Keyser College of Tropical Agriculture and Human Resources
Multiply seed and cuttings of Jatropha for distribution and evaluation as a biofuel crop, and establishment of long term productivity trials in different environments in Maui County.

Hawaii- Health Organizations

Kapiolani Medical Center

Cooperative Research Agreement between Kapiolani Medical Center for Women & Children and University of Hawaii Cancer Research Center of Hawaii
Robert W Wilkinson Cancer Research Center
Clinical Research Associate screens all patients, determines eligibility, assists with consent process, registers
Gifts, Grants, and Contracts for January 2009

Research

Hawaii- Health Organizations

Kuakini Medical Center

Epidemiology of Aging and Dementia Autopsy Research
Jane H Uyehara-Lock, 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-Hawaii Community Foundation- General

Regulation of Developmental Signaling Pathways by the Actin-severing Protein Fli I
Heinz Gert De Couet, Department of Zoology
The project proposes to investigate in more detail the proposed involvement of the Fli-I gene in ERK signaling, and the molecular targets of regulation. The proposal focuses on known components of the MAPK signaling pathway and will involve the vinegar fly Drosophila as an established model system, as well as cell culture approaches to the problem.

University of Hawaii Foundation

Landscape Research
Robert E Paull, Department of Tropical Plant and Soil Sciences
Assist in landscape program outreach in developing educational materials.

University of Hawaii Foundation

Real Time, Non-Invasive Lung Water Monitoring
Magdy F. Iskander, Hawaii Center for Advanced Communications
To develop a fundamental understanding of the microwave method for measuring changes in lung water content by pursuing both the clinical/physiological and engineering advances of this technology which was originally developed by our group.

University of Hawaii Foundation

DNA Barcoding of Endemic Hawaiian Species
Donald Price, 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

University of Hawaii Foundation

Preserving Hawaii’s Culturally Significant Native Plants
Christopher Dunn, Lyon Arboretum
To preserve Hawaii’s Culturally Significant Native Plants.

$22,922
$50,000
$2,500
$7,500
$598,425
$35,000
Gifts, Grants, and Contracts for January 2009

Research

Mainland- Business and Other

Aura, Inc
Advanced Technology Solar Telescope Site Survey Instruments Operations
Jeffrey R. Kuhn Institute for Astronomy
To continue to oversee the operation and preventive maintenance of the STST Site Survey Instruments and collect the data CDs.

Brookhaven National Laboratory
US ATLAS Research Program Office for Upgrade R&D
Sherwood I Parker 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.

Consortium for Plant Biotechnology Research, Inc
Energy Efficient Biomass Refining into Fuel Ethanol and Bioplastics
Jian Yu Hawaii Natural Energy Institute
This project is to develop a new technology for conversion of cellulosic biomass into fuel ethanol with reduced energy consumption and waste generation. It investigates biological detoxification of organic inhibitors for reusing process water as well as formation of biopolymers on the organic residues left from ethanol fermentation.

Health Research, Inc
Chemical Markers of Heterocyclic Aromatic Amines for Human Biomonitoring
Loic Le Marchand Cancer Research Center
Establish noninvasive chemical markers of heterocyclic aromatic amines (HAAs) to allow for an assessment of long-term HAA exposure through the diet to determine cancer risk.

Space Telescope Science Institute
Cycle 16: Resolving Ultracool Astrophysics with Brown Dwarf Binaries
Michael C Liu Institute for Astronomy
Measure 14 brown dwarf stars with infra-red and near infrared photometry.

Mainland- Health Organizations

Riverside Research Institute - NY
Advanced Ultrasonic Evaluation of Sentinel Lymph Nodes
Junji Machi Department of Surgery
Using special advanced ultrasound techniques, we are trying to make a diagnosis of cancer in lymph nodes, which will help pathologists. We focus on sentinel lymph nodes of breast cancer so that diagnosis of lymph node metastasis will be improved in a non-invasive way.

Mainland- Non-Profit Organizations

Save the Waves Coalition
Wave Valuation Study
Makena Coffman Department of Urban and Regional Planning
Develop a methodology and assess the economic benefits of the Maverick’s Surf Contest in Half Moon Bay, California.
Gifts, Grants, and Contracts for January 2009

Research

National Aeronautics and Space Administration

National Aeronautics & Space Administration
Regional Planetary Image Center
Bernard Ray Hawke Hawaii Institute of Geophysics and Planetology
This is a proposal for the continued support of the Pacific Regional Image Facility at University of Hawaii campus in Honolulu.

National Aeronautics & Space Administration
The NASA Infrared Telescope Facility: Mission Support and Solar System Observations
Alan Tokunaga 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
Recruiting Undergraduates to Space Science Through the Wonders of Cosmochemistry
G Jeffrey Taylor Hawaii Institute of Geophysics and Planetology
We will create new course materials covering cosmochemistry and planetary science for geochemistry instructors to use in their upper-level undergraduate courses. The materials will include PowerPoint lecture slides and an online searchable database of graphics and illustrations pertinent to cosmochemistry.

National Science Foundation

Dynamics and Moist Thermodynamics of Boreal Summer Intraseasonal Oscillation
Bin Wang Department of Meteorology
This work investigate physical processes governing boreal summer intraseasonal variation of the tropical atmosphere.

Rates, Sources and Magmagenesis of Alkalic Lavas at the Edge of an Intraplate Hotspot: A Multi-tracer Study of the Youngest Volcanics on Oahu, Hawaii
Kenneth H Rubin Department of Geology and Geophysics
Geochemical studies of young volcanism on Oahu to understand how it happens.

Collaborative Research: Towards a Quaternary Spatial and Temporal Deformation History at the Central Andean Thrust Front
Benjamin A Brooks Hawaii Institute of Geophysics and Planetology
Further GPS deformation research in Argentina.

VOCALS: Airborne Measurements of Aerosol Dynamics and Evolution
Antony D Clarke Department of Oceanography
Understanding the role of aerosol properties in cloud and drizzle formation.
Gifts, Grants, and Contracts for January 2009

Research

National Science Foundation

National Science Foundation $137,788
CAREER: High Fidelity Haptic Interaction using Large Range of Motion Magnetic Levitation Systems for Medical Applications
Peter John Berkelman Department of Mechanical Engineering
(1) Developing novel magnetic levitation with large ranges of motion, and fast and accurate position and force control, (2) developing interactive simulations with the maglev systems for surgical simulation and physical rehabilitation, (3) evaluating the realism and effectiveness of the interactive systems.

US Colleges and Universities

Oregon State University $150,000
Customizing Biodiesel Derived from Tropical Trees
Richard Ogoshi Department of Tropical Plant and Soil Sciences
Collection of oil seeds from different tropical crops at different elevations and environments; extraction of oil; conversation of oil into biodiesel; and testing biodiesel emissions.

University of California, Berkeley $169,260
Collaborative Research with the SuperNova Integral Field Spectrograph (SNIFS) and the University of Hawaii 2.2 Meter Telescope
Colin Aspin Institute for Astronomy
To continue collaboration with the Nearby Supernova Factory and the University of California in providing telescope time for the SNIFS instrument to conduct supernova studies.

University of California, San Diego $169,999
Pacific Islands Land-Ocean Typhoon (PILOT) Experiment: Coastal Run-up and Fringing Reefs
Mark A Merrifield Department of Oceanography
Field observations of shoaling surface gravity waves, sea level, and nearshore currents over fringing reefs will be made to estimate the coastal-run that occurs during energetic, storm-generated wave events. The results will be compared to numerical models and used for emergency management purposes.

University of Washington $30,748
The HOT Profiler: Supporting Activities at the University of Hawaii
Bruce M Howe Department of Ocean and Resources Engineering
For the NSF-funded HOT Profiler mooring project, Bruce Howe will assist APL-UW in mooring design, logistics associated with deploying and recovering the mooring system at Station ALOHA north of Oahu, and data analysis, interpretation and publication.

University of Washington $5,948
The ALOHA-MARS Mooring: Supporting Activities at the University of Hawaii
Bruce M Howe Department of Ocean and Resources Engineering
Bruce Howe will continue as project PI after moving to UH. Tasks will include final work at Seahurst Observatory, engineering documentation of the system, a summary publication describing the system, the small mooring system being installed at the ALOHA Cabled Observatory (JACO), and the NSF project final report.

Subcount: 53 Subtotal: $8,890,366
## Gifts, Grants, and Contracts for January 2009

### Non-Research

#### DA-Dept of Agriculture

Department of Agriculture

**Strengthening Extension Network**

- Maria C. Haws
- Pacific Aquaculture-UHH

- **$300,000**

**Forest Service/Department of Agriculture**

**Bringing Science and Management Together**

- Kenneth Y Kaneshiro
- Pacific Biosciences Research Center

Organize and carry out the annual Hawaii Conservation Conference. Organize, carry out, and publish the results of workshops on the highest priority topics to utilize research resources available to Hawaii most efficiently. Develop, carry out efficient communication of relevant research findings to the managers of Hawaii’s natural resources.

- **$16,000**

#### DOC-Dept of Commerce

Department of Commerce

**MOBY Shore Support at UH Marine Center**

- Brian Taylor
- School of Ocean and Earth Science and Technology

Provide outdoor storage area, utilities, & other support services to MOBY at the UH Marine Center.

- **$45,000**

**Minority Business Development Agency/Department of Commerce**

**Honolulu Minority Business Enterprise Center**

- John F Morton
- Vice President for Community Colleges

The Minority Business Development Agency Award supports the Honolulu Minority Business Enterprise Center that will provide economic development and technical assistance work to minority business enterprises located in Hawaii.

- **$118,825**

#### DOI-Dept of Interior

**DOI-Off of Insular Affairs**

**UH-PBCP AAPI Student Internship Program**

- John F Morton
- Vice President for Community Colleges

This grant will be used to continue to expand its student internship program to support PBCP’s work in economic development, diversification, and infrastructure building in the American Affiliated Pacific Islands (AAPI).

- **$126,050**

**2008 DOI Island Fellowship Program**

- John F Morton
- Vice President for Community Colleges

The Pacific Business Center Program will provide technical and administrative assistance to the DOI in administering the 2008 DOI Island Fellowship Program.

- **$151,314**
Gifts, Grants, and Contracts for January 2009

Non-Research

Federal Agencies

National Endowment for the Arts/National Fndn. on the Arts & Humanities $12,500
Manoa: A Pacific Journal of International Writing
R F Stewart Department of English
Production of two issues of an international literary journal.

Foreign

Ministry of Commerce and Trade $20,000
PBCP-AAPI Support 2008-Palau
John F Morton Vice President for Community Colleges
This award supports the economic development and technical assistance work of the Pacific Business Center Program under the University Center grant from the Economic Development Administration, US Department of Commerce.

Niels Bohr Institute $9,000
Guest Professor at the Niels Bohr Institute
Bo Reipurth Institute for Astronomy
The Principal Investigator will spend four months as a guest professor at the Niels Bohr International Academy in order to do research and interact with faculty, including giving seminars and presentations.

Hawaii- Business and Other

Hawaii Council for the Humanities $2,500
Key Ingredients: America by Food Implementation
Douglas Dykstra Chancellor, Hawaii Community College
Hawaii Community College will sponsor three ethnic luncheon/lectures and a film festival featuring three films moderated by film professors in support of a Smithsonian Museum Traveling Exhibit at the Lyman Museum in Hilo.

Kamehameha Schools $90,000
Oiwi Ake Akamia: Native Hawaiian Doctoral Fellowship Program - Kamehameha Schools
Gary Kent Ostrander Vice Chancellor for Research and Graduate Education
Provide funding to doctoral students for the completion of dissertations that further the University's commitment to Native Hawaiians and Native Hawaiian research.

Kamehameha Schools $1,335,308
Kahuawaiola - Kamehameha Schools
Keiki K Kawaiiaea Ka Haka'Ula O Ke'Elikolani-UHH
Prepare teachers to teach in Hawaiian language medium schools, Hawaiian language and culture in English medium schools
Gifts, Grants, and Contracts for January 2009

Non-Research

Hawaii- Government Agencies

County of Hawaii

Developing Interactive Economic Feasibility for Coffee Industry
Sabry A Shehata Agriculture Dept-UHH
Investigate the economic feasibility of coffee production in Hawaii and to develop software for growers to estimate production cost

County of Maui

Maui County Aquaculture Extension Program
Robert D Howerton Sea Grant College Program
The Maui County Aquaculture Extension Program acts as a conduit between aquaculture researchers and commercial producers. Community outreach and public education are also integral components of the Maui County aquaculture extension program. These activities are focused on developing the aquaculture industry to become a significant contributor to Maui County's economy.

County of Maui

County of Maui-Maui Community College Cooperative Education Internship Partnership Providing Relevant Field Experience for MCC Students
Clyde M Sakamoto Chancellor, Maui Community College
Maui Community College students will intern in various County of Maui departments and select not-for-profits through the Cooperative Education Program and will be awarded credits and stipends.

County of Maui

Year-Round Youth Services and Training Program under the Workforce Investment Act of 1998 for the County of Maui
Alvin R Tagomori Chancellor, Maui Community College

DLNR-Division of Aquatic Resources

Coordination and Implementation of Hawaii's Local Action Strategy to Address Land-based Pollution Threats to Coral Reefs
Carl I Evensen Department of Natural Resources and Environmental Management
The University of Hawaii's Dept of Natural Resources and Environmental Management shall assist the Coral Reef Land-Based Pollution Steering Committee to coordinate the implementation of Hawaii's Local Action Strategy to Address Land-Based Pollution Threats to Coral Reef and provide technical assistance to stakeholders on coral reef protection issues.

Hawaii Tourism Authority

Reef Watch Waikiki
Jennifer Barrett Sea Grant College Program
To develop a community-based education and coastal monitoring program that inspires and facilitates community stewardship of Mamala Bay and leads to improved vitality of Waikiki's coastal and marine environment. The project is also expected to enhance marine recreation opportunities and visitor experiences.

Hawaii-Civil Defense Division

Pacific Emergency Management, Preparedness and Response Information Network and Training Services
Ann M Sakaguchi Department of Anthropology
Develop training programs and conferences and purchase training equipment.
Gifts, Grants, and Contracts for January 2009

Non-Research

Hawaii- Government Agencies

Hawaii-Dept of Education


Terry Ann Higa  Curriculum Research and Development Group

The evaluators will develop a draft evaluation design and data-collection instruments for feedback from the project staff. These documents will be revised based on the feedback. The evaluators will provide copies of the data-collection instruments according to the evaluation design schedule, collect and analyze the data, and write the evaluation report.

Hawaii-Dept of Education

Felix Consent Decree Recruitment and Retention Personnel Plan

Christine Sorensen  College of Education

A recruitment and retention personnel plan designed to build a sustained in-state capacity to produce additional Special Education teachers eligible for initial teaching licensure each year by the College of Education, specifically and deliberately prepared for career employment in the Hawaii Public Schools. Also, mentor program is used to help with retention of teachers.

Hawaii-Dept of Health

HIV Care Services Training and Education

Cyril K Goshima  Department of Psychiatry


Hawaii-Dept of Health

State of Hawaii Department of Health Family Health Services Division Maternal & Child Health Grant Women's Health Section-Family Planning Program

Denise Cohen  Chancellor, Maui Community College

To provide subsidized family planning services for women and men, as well as additional training for staff with regards to family planning.

Hawaii-Dept of Health

Family Planning Services FY 09

Carolyn Lesnett  Vice Chancellor for Student Affairs-UHH

Provide family planning services/health services to the students at UH Hilo

Hawaii-Dept of Labor & Industrial Relations

Hawaii Family Support 360 Project

Rebecca S Ozaki  Center on Disability Studies

To address the issue of access to appropriate and available services within our community for transitioning students 16 years of age and older and their family members on the island of Oahu County of Honolulu, Windward District.

Hawaii-Dept of Labor & Industrial Relations

Training Services for the Employment and Training Fund Program (ETF)

Pamela Fujita-Starck  Outreach College

To provide workforce training to provide and/or enhance the occupational knowledge skills of incumbent workers and others eligible for ETF-funded training services.
Gifts, Grants, and Contracts for January 2009

Non-Research

Hawaii- Government Agencies

Hawaii-Dept of Labor & Industrial Relations

**Procurement of Various Training Services Pursuant to RFP No. DLIR/WDD 2009-01.**
Carol A Hoshiko
Chancellor, Kapiolani Community College
To provide various training services pursuant to RFP No. DLIR/WDD 2009-01 for greater education and training program opportunities to employers and participants to enable proficiency in the workplace and to become competitive in the global market.

Hawaii-Dept of Labor & Industrial Relations

**Training Services for the Employment and Training Fund Program**

Suzette T Robinson
Chancellor, Maui Community College
To assist employers and workers (ETF participants) by providing them with opportunities such as: business-specific training, upgrade training, new occupational skills, and management skills to improve long-term employability of Hawaii's people.

Hawaii-Dept of Labor & Industrial Relations

**HawCC Employment & Training (RFP No. DLIRWDD 2009-01, ETF #14)**

Sara Narimatsu
Chancellor, Hawaii Community College
HawCC OCET will provide DLIR approved workforce training classes for incumbent workers.

Hawaii-Dept of Labor & Industrial Relations

**State of Hawaii Dept. of Labor and Industrial Relations, Workforce Development Division RFP DLIR/WDD 2009-01, ETF #15**

Beryl Morimoto
Chancellor, Honolulu Community College
Honolulu Community College will provide training for employers on Oahu who need to upgrade the skills of their current workforce so they can meet the demands of the changing work environment.

Hawaii-Dept of Labor & Industrial Relations

**Employment & Training Fund Approved Training Site**

M Bernadette Howard
Chancellor, Windward Community College
To provide education and training opportunities for State of Hawaii Employment Training Fund eligible students.

Hawaii-Dept of Labor & Industrial Relations

**Kauai Community College, Proposal to Provide Training Services for the Employment & Training Fund Program, RFP No. DLIR/WDD 2009-01**

Helen A Cox
Chancellor, Kauai Community College
Kauai Community College approves the scope of work as indicated in the proposal to become an eligible training provider for the Employment Training Fund.

Hawaii-Dept of Labor & Industrial Relations

**Tourism Workforce Coordination Project**

Russell K Uyeno
School of Travel Industry Management
To provide staff and support services for tourism workforce coordination initiatives of the Tourism Workforce Development Master Plan for Implementation: 2007-2015 of the Hawaii Tourism Authority (HTA).
Gifts, Grants, and Contracts for January 2009

Non-Research

Hawaii- Government Agencies

Hawaii-Dept of Land & Natural Resources

Maintenance of Research and Services by the Hawaii Cooperative Fishery Research Unit
Charles Birkeland
Department of Zoology
Hawaii Cooperative Fishery Research Unit will administer and advise graduate student research, teach graduate courses, and do research on topics of importance to the State of Hawaii.

Hawaii-Dept of Land & Natural Resources

Management of Invasive Species Data, Phase II
Kevin D Hopkins
Pacific Aquaculture-UHH
Technical support and database development to the invasive species community in Hawaii

Hawaii-Dept of Transportation

Hawaii Community College Court Monitoring Program
Douglas Dykstra
Chancellor, Hawaii Community College
Court Monitoring Program 3rd year grant renewal application to gather and evaluate OVUII/DUI cases in the Third Circuit Court - Kona Division to improve the way the Hawaii County criminal justice system processes and adjudicates defendants and affecting change to decrease the number of OVUII/DUI arrests, traffic crashes and fatalities in the County of Hawaii.

Hawaii-Executive Office on Aging

Caregiver's Resource Initiative
Wesley L W Lum
School of Social Work
To be the Caregiver's Resource Initiative state level project leader.

Hawaii-State Foundation on Culture & the Arts

Manoa: A Pacific Journal of International Writing - 2009
R F Stewart
Department of English
Publication of four issues of international literary journal.

Hawaii-State Foundation on Culture & the Arts

Growing Interest - 2009
Joseph S Patti
Chancellor, Leeward Community College
Present performances and workshops/lectures for public.

Hawaii-State Foundation on Culture & the Arts

Pacific New Media-2009
Susan I Horowitz
Outreach College
Workshops and public talks on film/video, photography, digital imaging, and web design.

Hawaii-State Foundation on Culture & the Arts

Special Exhibitions Program 2009
Lisa Yoshihara
Department of Art and Art History
Two exhibitions and catalogs for: "Writing with Thread: Traditional Textiles of Southwest Chinese Minorities" and "The 10th International Shoebox Sculpture Exhibition."
Gifts, Grants, and Contracts for January 2009

Non-Research

Hawaii- Government Agencies

Hawaii-State Foundation on Culture & the Arts

World Performance Series - 2009
Timothy Roy Slaughter Outreach College
Presentation of performances, workshops and outreach activities by touring artists.

Hawaii-State Foundation on Culture & the Arts

Intersections Visiting Artist and Scholar Program - 2009
Jaimey Hamilton College of Arts and Humanities
Funding for a lecture and residency series of visiting artists and scholars.

Hawaii- Health Organizations

Kalihi-Palama Health Center

Reimbursement Agreement - FY2009, Agreement No. SF09-KPHC-OB-GYN
Lynnae K Millar Department of Obstetrics, Gynecology, and Women's Health
Salary, Fringe Benefit & Malpractice reimbursement agreement to provide physician and physician related services for FY 2009.

Kuakini Medical Center

Salary Fringe Benefit & Malpractice Insurance Agreement - FY2008, Agreement No. SF08-KUAKINI-SURG
Danny M Takanishi Department of Surgery
Salary, Fringe Benefit & Malpractice reimbursement agreement to provided physician and physician related services for FY 2008.

Kuakini Medical Center

Reimbursement Agreement - FY2009, Agreement No. SF09-KUAKINI-MED
Elizabeth K Tam Department of Medicine
Salary, Fringe Benefit & Malpractice reimbursement agreement to provide physician and physician related services for FY 2009.

Maui PACE

Service Contract Between Hale Makua/Maui Pace and Maui Oral Health Center.
Nancy K Johnson Chancellor, Maui Community College
Provide dental services to the individuals enrolled in the Maui PACE community health care program on a fee for service basis using Medicaid fee schedule.

Waianae Coast Comprehensive Health Center

Waianae Health Academy--Ola Loa Ka Naauao
David A Ringuette Chancellor, Windward Community College
Offer agriculture classes leading to a Certificate of Completion --Agricultural Technology at Waianae Coast Comprehensive Health Center.

---

Balance on Hand:

- World Performance Series - $14,628
- Intersections Visiting Artist and Scholar Program - $6,298
- Salary Fringe Benefit & Malpractice - $15,866
- Salary Fringe Benefit - $999
- Salary Fringe Benefit & Malpractice - $236,761
- Salary Fringe Benefit & Malpractice - $37,500
- Salary Fringe Benefit & Malpractice - $59,163
Gifts, Grants, and Contracts for January 2009

Non-Research

Hawaii- Non-Profit Organizations

Institute for Native Pacific Education & Culture

Coordination of the Evaluation of SPARK-Hawaii Year 5
Morris K Lai
Curriculum Research and Development Group
Coordinate the evaluation of the project's fifth year. Work includes data collection, analysis, development of database programs, and evaluation report writing.

University of Hawaii Foundation
Myron Pinky Thompson Chair
Marjorie K H Mau
Department of Native Hawaiian Health
To develop a research and training program on health disparities in Native Hawaiian and other underserved populations.

University of Hawaii Foundation
Maunalua Bay Coastal and Watershed Coordinator
Darren T Lerner
Sea Grant College Program
This project will complement and expand upon the ongoing work by Malama Maunalua and its partners in restoring a healthy, sustainable, and resilient ecosystem in the bay and the watersheds that support it.

University of Hawaii Foundation
GIS S&F Agreement
Patricia Blanchette
Department of Geriatric Medicine
Salary and Fringe Benefit Expenses for Geriatric Inpatient Teaching Services.

University of Hawaii Foundation
ADRC S&F Agreement
Patricia Blanchette
Department of Geriatric Medicine
Salary and Fringe Benefit Expenses for Alzheimer's Disease Referral Clinic (ADRC) Services.

University of Hawaii Foundation
Sumida River Production Project
W Dennis Carroll
Department of Theatre and Dance
To pay for hiring of student assistants to help with building of the set for the production of "Sumida River."

University of Hawaii Foundation
International Longevity Center
Cullen Hayashida
Chancellor, Kapiolani Community College
Expand gerontology program by creating an entry level paraprof training.

Mainland- Business and Other

Pacific Radiation Oncology, Inc
Reimbursement Agreement - FY2009, Agreement No. SF09-PRO-SURG
Danny M Takanishi
Department of Surgery
Salary, Fringe Benefit & Malpractice reimbursement agreement to provide physician and physician related services for FY 2009.
Gifts, Grants, and Contracts for January 2009

Non-Research

Mainland- Non-Profit Organizations

Consortium for Oceanographic Rsrch & Educ (CORE)  $7,500
   Hawaii Regional Ocean Sciences Bowl 2008
   Tara Hicks Johnson  School of Ocean and Earth Science and Technology
   Organize and host the 2008 Hawaii Regional Ocean Sciences Bowl in Honolulu.

Ocean Conservancy  $14,150
   Larval Response to Forecast Climate Change
   Ruth D Gates  Hawaii Institute of Marine Biology
   This study will examine the effects of climate change (increased temperature and ocean acidification) on coral larvae.

National Science Foundation  $499,999

   National Science Foundation
   Roots, Resilience, and Reach: Strengthening the STEM Infrastructure at Kapiolani Community College, University of Hawaii
   Leon Richards  Chancellor, Kapiolani Community College
   To develop a Science, Technology, Engineering and Math (STEM) Pipeline of support services, faculty and curriculum development so that a growing number of Hawaiian and underrepresented students can successfully pursue STEM majors and careers.

US Colleges and Universities

Kansas State University  $75,000
   Operation Military Kids
   Claire M Nakatsuka  College of Tropical Agriculture and Human Resources
   Supplemental funds specifically for camp activities for military families affected by deployment.

University of Rhode Island  $26,052
   Pearl Farming in East Africa: an End to Poverty
   Maria C. Haws  Pacific Aquaculture-UHH
   Assist in the development of an ecological and economically sustainable small enterprise system for half-pearls in Tanzania

Subcount:  61  Subtotal:  $8,031,498
Count:  114  Total:  $16,921,864
Funds Received from UH Foundation for 01/01/2009 - 01/31/2009

Non-Research

Hawaii- Non-Profit Organizations

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<td>Carroll, W Dennis</td>
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<td>Department of Theatre and Dance</td>
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<td>This project will complement and expand upon the ongoing work by Malama Maunalua and its partners in restoring a healthy, sustainable, and resilient ecosystem in the bay and the watersheds that support it.</td>
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<td>To develop a research and training program on health disparities in Native Hawaiian and other underserved populations.</td>
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Research

Hawaii- Non-Profit Organizations

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<td>Dunn, Christopher</td>
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<td>Lyon Aboretum</td>
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<td>Hawaii Center for Advanced Communications</td>
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<tr>
<td>To develop a fundamental understanding of the microwave method for measuring changes in lung water content by pursuing both the clinical/physiological and engineering advances of this technology which was originally developed by our group.</td>
<td></td>
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Funds Received from UH Foundation for 01/01/2009 - 01/31/2009

Research

**Hawaii- Non-Profit Organizations**

| University of Hawaii Foundation | $2,500 |
| "Landscape Research"             |        |
| Paull, Robert E                  |        |
| Department of Tropical Plant and Soil Sciences |        |
| Assist in landscape program outreach in developing educational materials. | |

| University of Hawaii Foundation | $598,425 |
| "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: 10**  
**Total: $1,162,602**
Extramural Research Awards
for the Month of
January 2009
Distribution by Sponsors

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<th>AMOUNT</th>
<th>PERCENT</th>
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Extramural Non-Research Awards
for the Month of
January 2009
Distribution by Sponsors

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<th>NO. OF AWARDS</th>
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Extramural Research Awards  
Year to Date: 07/01/08 - 01/31/09  
Distribution by Sponsors

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Extramural Non-Research Awards
Year to Date: 07/01/08 - 01/31/09
Distribution by Sponsors

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