BOARD OF REGENTS’ MEETINGS

Date: March 15-16, 2007
Time: 10:00 a.m. (Or immediately following the meeting of the State Board for Career and Technical Education)
Place: Hawai‘i Community College
Bldg. 388, Rooms 101-102, Manono Campus
200 West Kawili Street
Hilo, HI 96720

AGENDA

I. Call Meeting to Order

II. Approval of Minutes of the Board of Regents’ Meeting of August 24-25, 2006

III. Public Comment Period: Individuals may present testimony on matters on the Board of Regents’ agenda either during 1) the Public Comment Period or 2) when the agenda item is being discussed by the Board. Written testimonies on agenda topics will also be accepted. Those who wish to address the Board orally are encouraged to inform the Secretary of the Board in advance of the meeting by calling 956-8213. Persons wishing to testify may inform the Secretary at the meeting site. Generally, however, the order of testimony will reflect the order of notification to the Secretary. The Board will generally allow up to three minutes per speaker depending on the number of those wishing to testify.

IV. Report of President

V. University of Hawai‘i Foundation Report

VI. Agenda Items, Public Session 1

University of Hawai‘i Community Colleges
1. Establishment of an Associate in Science Degree in Natural Science with a Concentration in Life Science or Physical Science, Kapi‘olani Community College
2. Establishment of a Student Technology Fee, Maui Community College

University of Hawai‘i at West O‘ahu
3. Authorization to Negotiate Lease Agreements for UH West O‘ahu in Kapolei

University of Hawai‘i at Hilo
4. Change of Status from Provisional to Established for the Bachelor of Arts Degree in Health and Physical Education at the University of Hawai‘i at Hilo
5. Establishment of the Pacific Aquaculture and Coastal Resources Center and Reorganization of the College of Agriculture, Forestry and Natural Resource Management, University of Hawai‘i at Hilo

University of Hawai‘i at Mānoa
6. Establishment of the Donald A. Corbin Distinguished Professorship in Accounting, School of Accountancy, Shidler College of Business, University of Hawai‘i at Mānoa
7. Endorsement of Institutional Proposal for Western Association of Schools and Colleges (WASC), 2009-2010 Visit, University of Hawai‘i at Mānoa
8. Amendment of Board of Regents’ Policy 9-2(b), Guidelines for Employment of Coaches

Footnotes:

1/The Board will recess the public session at approximately 12:00 noon on Thursday, March 15, 2007, and reconvene in public session approximately midafternoon. Agenda items not completed on Thursday will be taken up on Friday, March 16, 2007, commencing at approximately 9:00 a.m. These times are planning estimates only and may change in light of the actual place of the business completed.
Board of Regents' Meetings (Continued)

University of Hawai'i System

9. Approval to Extend Current Lease Agreement Between the University of Hawai'i and the High Technology Development Corporation for the Lease of Space in the Maui Research and Technology Center
10. Approval of Capital Improvements Program and Repairs and Maintenance Project Contracts for Fiscal Year 2006-2007
11. System Reorganization, Phase I

VII. Gifts, Grants and Contracts - For Board Action (Attachments #2)

VIII. Appointments, Changes in Appointments, Leaves of Absence, Promotion, Tenure, Waiver of Minimum Qualifications, Emeritus Titles, Shortening of Probationary Period, Salary Adjustments, Position Actions, Classification, Pricing, (Attachment #3); Resignations and Retirements of Board of Regents’ Appointees and Civil Service Employees (Attachment #3)

IX. Announcement of Next Meeting of the Board

   Date:   April 13, 2007
   Place:  Kapi'olani Community College

X. Executive Session

   Legal and Personnel Matters will be considered in executive session (Attachment #1)

XI. Adjournment
MATTERS TO BE DELIBERATED IN EXECUTIVE SESSION

I. LEGAL MATTERS

A. Commercial Aviation Program, Honolulu Community College

B. Negotiations with GEO/Bridgecreek on China - U.S. Center Project at Hilo, Hawai‘i

To be discussed in executive session pursuant to HRS § 92-5(a)(3), acquisition of public property, and consult with the Board’s attorney pursuant to HRS § 92-5(a)(4)

II. PERSONNEL ACTIONS RELATED TO THE FOLLOWING POSITIONS:

A. Appointment of Chancellor, University of Hawai‘i at Mānoa
B. Waiver of Recruitment and Appointment of Vice President of University of Hawai‘i Community Colleges
C. Appointment of Interim Chancellor, Leeward Community College
D. Emeritus Title Recommendations, Professors, University of Hawai‘i at Mānoa
E. Emeritus Title Recommendation, Professor, Leeward Community College
F. Update on Executive Searches

Personnel actions noticed above will be discussed in an executive session pursuant to HRS § 92-5(a)(2)
GIFTS, GRANTS, AND CONTRACTS

The following gifts, grants, and contracts received during the period December 1, 2006 through January 31, 2007 total $42,549,266. The University of Hawai'i at Hilo received a total of $1,028,059 during the same period.

Gifts, Grants, and Contracts Received December 1-31, 2006

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Natural Resources Conservation Service $218,250
   "Recycling Nutrients in Animal Waste Liquids through High Productivity Tropical Forages"
   Yost, Russell S Tropical Plant & Soil Science
   Implement a commercial scale dairy lagoon effluent utilization and treatment system. Determine maximum effluent application rates in a representative dairy production system. Quantify amounts and quality of forage produced from an intensive effluent irrigation system.

FROM: DHHS-Dept of Health & Human Services

1. NIH-Nat'l Heart, Lung & Blood Institute $1,146
   "Transcriptional and Physiological Analysis of Cardiac HIF1"
   Shohet, Ralph Medicine- MED
   We will identify the immediate downstream targets of HIF-1 transcriptional activation in vivo; measure the contribution of carbohydrates, long chain fatty acids and other substrates to energy production in the heart with HIF-1 over expression, define the angiogenic effects of HIF-1 over expression in the heart.

FROM: DOD-Dept of Defense

1. DOD-Air Force Office of Scientific Research $211,282
   "Next-Generation Image Restoration for Space Situational Awareness"
   Jefferies, Stuart Institute for Astronomy
   Conduct fundamental research into image post-processing methods with the goal of producing a substantial advance in the fidelity and resolution of post-processed imagery for SSA over what is currently achieved.

2. DOD-Air Force Office of Scientific Research $98,315
   "Physical and Genetic Mechanisms Guiding the Evolution and Development of Dendritic, Flapping Insect-Wings"
   Kobayashi, Marcelo Mechanical Engineering
   The present research would provide a first view into the effects of the large deformations of non-linear, elastic insect-wing on the aeroelastic coupling. The aeroelastic model together with blood transport models would be used to investigate, the genetic and physical mechanisms underlying the evolution and development of the dendritic venation of insect wings.
3. **DOD-Dept of Air Force**
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K | Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

4. **DOD-Dept of Air Force**
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K | Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

5. **DOD-Dept of Air Force**
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K | Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

6. **DOD-Dept of Air Force**
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K | Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

7. **DOD-Dept of Air Force**
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K | Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

8. **DOD-Dept of Army**
   "Active Hyperspectral Sensor Research"
   Madey, John | Physics & Astronomy
   Research on optical sensors employing a wavelength-agile, spectrally bright laser illuminator and a matched, hyperspectral optical receiver.

9. **DOD-Dept of Defense**
   "Managing Partner of Pacific Disaster Center"
   Gaines, James R | VP for Research
   To serve as the Managing Partner of the Pacific Disaster Center on Maui.

10. **DOD-Dept of Navy**
    "Western Pacific Tropical Cyclone Reanalysis with the NRL Atmospheric Variational Data Assimilation System (NAVDAS)"
    Li, Tim | Meteorology - SOEST
    To construct a comprehensive, high-resolution western Pacific tropical cyclone reanalysis data product using the NAVDAS.
11. **DOD-Dept of Navy** $22,157  
"Factors Influencing the Nearshore Sound-Scattering Layer in Hawaiian Waters"  
McManus, Margaret Anne  Oceanography - SOEST  
In this project our goals are (1) to quantify aggregations of the nearshore sound scattering layer around Hawaii, (2) to identify the physical and optical characteristics associated with these aggregations and use this information (3) to develop the capability to predict the occurrence of the nearshore scattering layer in Hawaiian waters.

FROM: **DOI-Dept of Interior**  
1. **DOI-Geological Survey** $12,000  
"Lunar Geologic Mapping Study"  
Hawke, Bernard R  Haw Inst Geophys & Planet  
I will participate in a pilot program for systematic, global lunar geologic mapping.

FROM: **ED-Dept of Education**  
1. **ED-Off of Special Ed/Rehab Services** $200,000  
"Text-to-Speech Software as a Tool for Improving the Reading Comprehension and Overall Reading Skills of Students with Difficulty Reading - 84.327A"  
Stodden, Robert A  Center on Disability Studies  
The proposed project seeks to determine if text-to-speech software is an effective tool for improving the reading comprehension, reading rate, and reading skills of high school students identified for special education or 504 services who are reading between the 1.0 and 5.0 grade levels.

FROM: **National Science Foundation**  
1. **National Science Foundation** $178,893  
"A Direct Modeling Approach for Phylogenetic Comparative Analysis"  
Butler, Marguerite  Zoology  
The purpose of this project is to provide practical tools for biologists performing comparative analyses (studies which compare different species). These tools help biologists take into account the history (or pedigree) of relationships among species, and importantly, reveal whether natural selection was involved or whether evolutionary changes were random.

2. **National Science Foundation** $336,393  
"Functional Genomics of the Protein Disulfide Isomerase Family: Unraveling Protein Folding and Redox-Regulatory Networks"  
Christopher, David A  Molecular Biosciences &  
This research uses the modern techniques of genomics and bioinformatics to discover how a class of enzymes, termed protein disulfide isomerases, control cellular and physiological processes essential for growth and development. Results and techniques developed will be used to train community college faculty and students.
3. National Science Foundation $76,581  
"Collaborative Research: Violent Basaltic Explosive Volcanism II: Constraints and Conditions of Basaltic Plinian Eruptions"
Houghton, Bruce Geology & Geophys - SOEST  
This study expands on an existing project that seeks to understand the mechanisms of highly explosive basaltic eruptions. We will study macroscopic and microscopic textures of samples from the 122BC deposit on Mt. Etna to determine why the eruption started, what caused its shifts in behavior, and how it ended.

4. National Science Foundation $391,189  
"Further Studies of Enso Dynamics"
Jin, Fei-Fei Meteorology - SOEST  
This project is to study the El Nino-Southern Oscillation (ENSO) phenomenon which exhibits rich variations with different timescales. The outcomes of this project will add to the understanding of the dynamics and predictability of ENSO.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration $85,000  
"ANITA: Antarctic Impulsive Transient Antenna"
Gorham, Peter W Physics & Astronomy  
To fly a long duration balloon mission to address the question of the nature & origin of the highest energy cosmic rays, and the ultimate limits of energy in the universe.

FROM: Hawaii- Government Agencies

1. Hawaii-Dept of Human Services $7,132,093  
"Hawaii Demonstration to Maintain Independence and Employment"
Stodden, Robert A College of Education  
The project will develop and implement a community-based employment maintenance program for individuals with diabetes who are at high risk of becoming disabled (i.e., becoming unemployed). The project will randomly assign 450 participants into three equally sized groups: a control group, a Medication Therapy Management group, and Individualized Life Coaching group.

2. Hawaii-Dept of Land & Natural Resources $40,000  
"Hawaiian Ecosystems: Management and Education: Koolau Watershed: 2006 - 2008"
Duffy, David Botany  
Continue monitoring of game check stations and running transects in native forest areas to determine impacts of pigs and axis deer in the Koolau Watershed on Maui.

3. Hawaii-Dept of Land & Natural Resources $58,500  
"Forestry and Watershed Planner: Phase 1"
Duffy, David Botany  
Support Kauai Watershed Alliance’s management plan and forest management plans statewide.

4. Hawaii-Dept of Land & Natural Resources $66,600  
"Restoration Research on Oahu’s Lowland Rare Plants"
Duffy, David Botany  
Work to restore Oahu lowland plants, and to create new populations of endangered plant species, especially the endangered Abutilon menziesii which was rediscovered in the path of a planned roadway.
5. Hawaii-Dept of Land & Natural Resources  
"Plant Restoration and Enhancement, Micropropagation/Storage, Oahu EPRE 3"  
Sugii, Nellie  
Lyon Arboretum  
Continue tissue culture propagation and storage of critically endangered Hawaiian plants.

6. Hawaii-Dept of Transportation  
"Application of Recycled Materials in Highway Projects"  
Ooi, Phillip S K  
Civil and Environmental  
Develop guidelines, procedures and specifications for incorporating recycled concrete aggregate and reclaimed asphalt pavement in highway projects.

FROM: Hawaii- Associations, Foundations, Societies, etc.

1. HCF-G.F. Straub Trust  
"Rapid Quantitation of Two Major Food-Borne Pathogens in Hawaii by Using Real-Time PCR"  
Li, Yong  
Human Nutrition, Food &  
The project proposes to exploit novel techniques for rapid quantitation of two major food-borne pathogens in Hawaii. It would facilitate ensuring microbial safety of food products and protecting the public's health.

2. HCF-G.F. Straub Trust  
"Potent Inflammatory Effector Molecules in Hawaiian Box Jellyfish Venom"  
Yanagihara, Angel A  
Pacific Biosciences Research  
This research proposal is designed to purify and characterize the recently discovered potent pro-inflammatory molecules in the venom of Hawaiian Box jellyfish. This work will provide the basis for the design of mechanism based treatment plans for sting related pain and inflammation.

3. HCF-Geist Foundation  
"Dedifferentiation of Chrondrocytes in Disease and In Vitro"  
Kimura, James H.  
Surgery- MED  
Alteration of gene expression of chrondrocytes in vitro and in vivo will be examined to understand the regulatory mechanisms associated with the loss of gain of the differentiated state.

4. HCF-Geist Foundation  
"Development of Molecular Adjuvants for Therapeutic HIV-1 Vaccines"  
Yu, Qigui  
School of Medicine  
To develop a therapeutic formulation of HIV-1 vaccines in combination with molecular adjuvants to induce a better immune response in immunocompromised HIV-1 infected hosts.

5. HCF-Ingeborg V.F. McKee Fund  
"Selenoproteins and Oxidative Stress in Memory and Neurodegenerative Disorders"  
Bellinger, Frederick P.  
Cell & Molecular Biology- MED  
Alzheimer's disease may be triggered by oxidative stress. Selenoproteins help to reduce extra cellular oxidative stress, and are found in the brain. This study will investigate the role of selenoproteins in protecting neurons from oxidative stress.
6. HCF-Ingeborg V.F. McKee Fund
"Plant Chalcones in the Amelioration of the Metabolic Syndrome"
Casaschi, Adele Medical Technology-MED
Investigation of nutrients from hop on fat and sugar metabolism in diabetic hamsters.

7. HCF-Ingeborg V.F. McKee Fund
"Transcriptional Analysis of Diabetic Endothelium"
Maresh, Gregory Medicine-MED
Our experimental goal is to discover how diabetes can lead to cardiovascular disease. Collection of the endothelial cells lining the aortae of mice with experimentally or genetically induced diabetes, followed by comparative analysis using gene microarrays will uncover molecules important in diabetic arterial disease.

8. HCF-Ingeborg V.F. McKee Fund
"Mitochondrial Endurance in Residual Childhood Lymphoma"
Shiramizu, Bruce Medicine-MED
The goal of the proposal is to study a mechanism that we hypothesize could explain why some children develop a relapse of their lymphoma; emergence of the cancer cell's mitochondrial energy source.

9. HCF-Ingeborg V.F. McKee Fund
"The Role of the Novel TRPM2 Calcium Permeable Ion Channel in Juvenile (Type 1) Diabetes"
Starkus, John G Pacific Biosciences Research
Focus on the mechanism of TRPM2 ion channel in pancreatic beta cells and on the structure function relationship associated with calcium permeation in Hek 293 cells. Understanding the mechanism and function of the TRPM2 channel may lead to important treatments in diabetes which may subsequently lead to important therapeutic treatments in curing diabetes disease.

10. HCF-Robert C. Perry Fund
"Phase I Clinical Trial of Noni in Patients with Advanced Cancer"
Issell, Brian F Cancer Research Center
To find the number of capsules containing ripe noni fruit extract that need to be taken each day to give the best chance of helping patients with advanced cancer. In our study so far we have found: 1) no dose limiting or other toxicity attributable to noni at up to 5 times suggested dosage, 2) an intriguing quality of life improvement with increasing dose levels.

11. HCF-Robert C. Perry Fund
"Integrin Regulation of Bcl-2 in Cell Survival"
Matter, Michelle Cell & Molecular Biology-MED
We will investigate the role of integrin-mediated adhesion in cell survival in cancer.

12. HCF-Robert C. Perry Fund
"PEA-15 Control of Cell Survival in Breast Cancer"
Ramos, Joe William Cancer Research Center
This grant is to begin work on the role of the small phosphoprotein PEA-15 in the development and progression of breast cancer.
13. Partners in Development  
"Evaluation of Tech Together"  
Inazu, Judith K  Social Science Rsrch Inst  
To evaluate Tech Together: Hands-on Electronics to Native Hawaiian Families.

FROM: Hawaii- Business and Other

1. Oceanit Laboratories, Inc  
"Development of Reconfigurable Active Antennas"  
Shiroma, Wayne A  Electrical Engineering  
Develop novel antennas for multi-frequency applications.

FROM: Hawaii- Health Organizations

1. Hawaii Medical Service Assoc Foundation  
"Continuing Care for Obesity in the Communities of Hawaii"  
Latner, Janet D.  Psychology  
Group lifestyle intervention treatment will be provided to obese individuals in their communities, offering self-help, continuing care, and culturally tailored treatment. Its efficacy will be compared to standard care.

2. Hawaii Medical Service Association  
"Expansion and Evaluation of Fun 5"  
Nigg, Claudio  Office of Public Health Studies  
Promoting physical activity and healthy nutrition in elementary after school programs across Hawaii.

FROM: Mainland- Business

1. Consortium for Plant Biotechnology Research,  
"Flash CarbonizationTM Catalytic Afterburner Development"  
Antal, Michael J  Haw Nat Energy Inst -SOEST  
Flash Carbonization TM makes possible the quick and efficient production of charcoal. The objective of this proposal is to test and fine-tune an existing, pressurized, catalytic afterburner at the outlet of the UH commercial-scale, Flash Carbonization TM Demonstration Reactor to enable it to meet all State and Federal emissions requirements.

2. Eli Lilly & Co  
"Eli Lilly & Company H7U-MC-IDAV"  
Arakaki, Richard F  Medicine- MED  
This study will investigate: the safety and effectiveness of inhaled insulin compared to injectable insulin lispro for lowering blood sugar levels in patients with type 1 diabetes; how inhaled insulin affects insulin antibody levels, as well as lung performance; the reliability of the HIIP delivery system.

FROM: Mainland- Health Organizations

1. American Cancer Society  
"Contribution of Genetic Predisposition to Fiber Related Mesotheliomas"  
Carbone, Michele  Cancer Research Center  
Studies how environmental carcinogens (asbestos and erionite) viruses (SV40) and genetic predisposition interact to cause malignant mesothelioma.
<table>
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<tr>
<th>FROM: Mainland- Other</th>
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<tbody>
<tr>
<td><strong>1.</strong> Jet Propulsion Lab</td>
<td>$63,326</td>
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<tr>
<td>&quot;Gas, Dust, and Star Formation in Wolf-Rayet Galaxies&quot; Gal, Roy Institute for Astronomy</td>
<td></td>
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<tr>
<td>To use existing high- and low- resolution IRS observations to investigate the gas properties and stellar populations of a sample of local Wolf Rayet galaxies using mid-infrared diagnostic diagrams.</td>
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<tr>
<th>FROM: U.S. Universities and Colleges</th>
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<tr>
<td><strong>1.</strong> Stanford University</td>
<td>$35,000</td>
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<tr>
<td>&quot;Institute for Astronomy Support for the SDO/HMI Investigation&quot; Kuhn, Jeffrey R Institute for Astronomy</td>
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<tr>
<td>As part of a team headed by Stanford University, the Institute for Astronomy will work on the Helioseismic and Magnetic Imager data analysis methodology and coding to produce high level data needed for photometry and astrometry research.</td>
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<tr>
<td><strong>2.</strong> Univ of California - Irvine</td>
<td>$9,900</td>
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<tr>
<td>&quot;Fabrication of Askaryan Ground Electronics Station (CAGES) for the ANITA: Antarctic Impulsive Transient Antenna Experiment&quot; Varner, Gary Physics &amp; Astronomy</td>
<td></td>
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<tr>
<td>Fabricate a ground electronics station (CAGES) to be integrated into the ANITA Antarctic Impulsive Transient Antenna in Irvine, CA.</td>
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<td><strong>3.</strong> Univ of California- San Diego</td>
<td>$30,809</td>
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<tr>
<td>&quot;Current Measurements on Global Ocean Repeat Hydrography Cruises&quot; Firing, Eric JIMAR - SOEST</td>
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<td>Ocean currents will be measured on a series of basin-wide cruises designed to monitor long-term changes on ocean properties and transports.</td>
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<td><strong>4.</strong> Univ of Nevada - Las Vegas</td>
<td>$750,000</td>
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<td>&quot;Photoelectrochemical Hydrogen Production, Year 3&quot; Miller, Eric Haw Nat Energy Inst -SOEST</td>
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<tr>
<td>An &quot;energy economy&quot; based on clean-burning hydrogen instead of fossil fuels will be an important part of our nation's future. In this research, the Hawaii Natural Energy Institute will be developing low cost photoelectrochemical devices to produce hydrogen directly from water using sunlight as the energy source.</td>
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<td><strong>5.</strong> Univ of New Mexico</td>
<td>$48,134</td>
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<tr>
<td>&quot;Direct and In Situ Determination of Immobilized Activity and Loading&quot; Cooney, Michael J Haw Nat Energy Inst -SOEST</td>
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<tr>
<td>In this work it is proposed to use 1) quantitative fluorescence and 2) imaging ellipsometry coupled to quartz crystal microbalance to quantify immobilized enzyme and loading.</td>
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<td><strong>6.</strong> Univ of Oregon</td>
<td>$23,000</td>
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<tr>
<td>&quot;Pixel-level Sampling CMOS Vertex Detector for the ILC&quot; Varner, Gary Physics &amp; Astronomy</td>
<td></td>
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<tr>
<td>Evolve the Continuous Acquisition Pixel detector (CAP) architecture and verify the suitability of this Monolithic Active Pixel Sensor (MAPS) technology for the International Linear Collider (ILC) through a sequence of two prototype devices.</td>
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NON-RESEARCH AWARDS

FROM: DOC-Dept of Commerce

1. DOC-Nat'l Marine Fisheries Service   $9,000
   "Sea Turtle Stranding Project - Supplement 2006"
   Maynard, Sherwood D   Marine Option Program - CNS
   Provide support and assistance to NMFS turtle stranding and
   salvaging network.

FROM: DOD-Dept of Defense

1. DOD-Naval Research Laboratory   $54,000
   "’Aha Huliko’a Workshop Series"
   Muller, Peter   Oceanography - SOEST
   Proposal is for funding the 15th ’Aha Hulikoa Hawaiian Winter
   Workshop, to be held in January of 2007, at the East West Center
   Asia Room.

2. DOD-Naval Research Laboratory   $1,000,000
   "R/V Kilo Moana 2006"
   Taylor, Brian   Sch Ocean,Earth Sci & Tec
   New crane and winch for research vessel: repairs and maintenance
   of research vessel.

FROM: Environmental Protection Agency

1. Environmental Protection Agency   $37,344
   "Management Across Borders: Assessing Connectivity of
   Panulirus Interruptus Populations Throughout California and
   Mexico - Fellowship M. Iacchei"
   Toonen, Robert   Haw Inst Marine Bio-SOEST
   This study uses natural variation in genetic markers to assess
   connectivity among populations for two spiny lobster species.

FROM: Independent Federal Agencies- Minor

1. Veteran's Administration   $211,059
   "Scarce Medical Specialist Services"
   Tam, Elizabeth K   Medicine- MED
   Veteran's Administration Ambulatory Care Subspecialty Clinics where
   faculty teach medical students and residents.

FROM: Hawaii- Government Agencies

1. City and County of Honolulu   $75,000
   "TeamPLUS: On Premise Alcohol Sales Survey"
   Albright, Cheryl   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 and bars).

2. County of Maui   $500,000
   "County of Maui - Nursing and Dental"
   Sakamoto, Clyde   Maui CC
   Expand enrollment in nursing program and prepare pre-enrollment
   American Dental Association Commission on Accreditation self study
   for Dental Hygiene.
3. Hawaii-Dept of Education $30,000
Higa, Terry Ann CRDG
The evaluation will study the implementation of project activities and student outcomes. Two evaluation reports will be generated: (1) the 21st CCLC annual performance report and (b) report to the Hawaii Department of Education.

4. Hawaii-Dept of Education $150,000
"Office of School Redesign"
Young, Donald B College of Education
To operate the Office for School Redesign to provide technical support to secondary schools as they develop small schools and learning communities.

5. Hawaii-Dept of Health $250,000
"Hawaii Health Data Warehouse"
Maddock, Jason E School of Medicine
Maintain Hawaii Health Data Warehouse; add new DOH data sets; develop standard report templates; work on a pilot project to include hospital data; develop online system for user support; develop strategic plan; provide user training; update Community Health Profiles; update Healthy Hawaii 2010 website; submit data quality reports; chair Data Access Committee.

6. Hawaii-Dept of Human Services $50,097
"CWS Collaboration Project"
Alvarez, Mario School of Social Work
Develop and assist in the implementation of a set of materials designed to maximize the effectiveness and collaboration of Child Welfare Services and private agency services to families confirmed and at risk for child abuse and neglect.

7. Hawaii-Dept of Human Services $221,315
"Partnership to Promote the Efficiency and Effectiveness of the State of Hawaii's Medicaid Program Through an Oral Health Initiative"
Johnson, Nancy K Maui CC
Maui Community College Allied Health Department and Oral Health Professionals will provide administrative case management, intra/interagency coordination, collaboration and administration, program planning and policy development, quality management and training of dental auxiliaries.

8. Hawaii-Dept of Human Services $172,630
"Promoting the Efficiency and Effectiveness of State of Hawaii's Medicaid Program: SONDH Family Health Training & Resource Center"
Niederhauser, Victoria School of Nursing
The School of Nursing and Dental Hygiene will collaborate with the State of Hawaii Department of Human Services to increase the access and utilization of Medicaid services through 1) training of health professionals and para-professionals and 2) delivery of health services (including Nursing, Advanced Practice Nursing and Oral Health).
9. Hawaii-Dept of Land & Natural Resources $25,000
   "Mauna Kea Watershed Partnership Development"
   Duffy, David Botany
   Support development of Mauna Kea Watershed Partnership to coordinate resource management.

10. Hawaii-Dept of Land & Natural Resources $25,676
    "A Proposal to Reduce the Risk of Chronic Wasting Disease for Cervids in the State of Hawaii"
    Fragoso, Jose Botany
    Compile and analyze data on cervids to reduce risk of introducing chronic wasting disease in Hawaii.

11. Hawaii-Dept of Land & Natural Resources $85,000
    "Plant Restoration and Enhancement, Volcano Rare Plant Facility Hawaii"
    Kaneshiro, Kenneth Y Pacific Biosciences Research
    Propagation and maintenance of endangered Hawaiian plant species at the Volcano Rare Plant Propagation Facility.

12. Maui-Off of Economic Development $35,000
    "Islands of the World IX: Sustainable Islands - Sustainable Strategies"
    Sakamoto, Clyde Maui CC
    To provide funds to support the Islands of the World IX conference in the form of salaries to support Conference Coordinator and support staff.

FROM: Hawaii-Associations, Foundations, Societies, etc.

1. Boys and Girls Club of Hawaii $21,600
   "RALLY Program - 2006-2007"
   Langworthy, Christine School of Social Work
   To provide stipends to graduate students who are currently performing their practicum training as RALLY advocates at Central Middle School for the 2006-2007 year.

2. Molokai Community Service Council $73,786
   "Molokai Na Lei Mamo Project"
   Alvarez, Mario School of Social Work
   To provide a program assessment, staff training, consultation, curriculum development, and the establishment of a practicum site for the Molokai Community Service Council.

FROM: Hawaii-Business and Other

1. Alu Like $80,613
   "Ho'oulu Project"
   Tagawa, Michael Leeward CC
   Budget transfer and addendum to secure additional funds to improve the quality of technology in the SCI 197 classroom experience.

2. Maui Economic Development Board $60,000
   "Maui County Aquaculture Extension Program"
   Howerton, Robert D Sea Grant - SOEST
   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.
FROM: Hawaii- Health Organizations

1. Hawaii Medical Service Assoc Foundation
   "St. Francis Liver Center Community Hepatitis B and C Program: A Web-Based Clinical Information System"
   Birkmire-Peters, Deborah School of Medicine
   The SFMC Liver Center developed a statewide program to improve care of hepatitis B and C patients. Clinical information systems that summarize patient care and provide population based reporting will greatly improve the program. The proposed project will adapt an existing web-based clinical information system for use in the program.

2. Kuakini Medical Cntr
   "Salary, Fringe Benefit & Malpractice Insurance Reimbursement Agreement - FY 2006 Modification #1"
   Takanishi, Danny M. Surgery- MED
   Salary, fringe benefit & malpractice insurance reimbursement agreement to provide physician and physician-related services for FY2006.

3. Kuakini Medical Cntr
   "Salary, Fringe Benefit & Malpractice Insurance Reimbursement Agreement SF07-Kuakini-Surg"
   Takanishi, Danny M. Surgery- MED
   Salary, fringe benefit & malpractice insurance reimbursement agreement to provide physician and physician related services for FY2007.

4. Kuakini Medical Cntr
   "Salary, Fringe Benefit & Malpractice Insurance Reimbursement Agreement - FY2006 Modification #1"
   Tam, Elizabeth K School of Medicine
   Salary, fringe benefit & malpractice insurance reimbursement agreement to provide physician and physician-related services for FY2006.

5. Queen's Medical Center
   "Agreement for Services, Director of the Queen Emma Nursing Institute"
   Kooker, Barbara M School of Nursing
   The principal investigator will provide services as the Director of the Queen Emma Nursing Institute as stated in the scope of services of the agreement.

6. Waimanalo Health Center
   "Native Hawaiian Mentoring Initiative Subcontract"
   Withy, Kelley School of Medicine
   Manage projects.

FROM: Mainland- Associations, Foundation, Soc, etc.

1. Consortium for Oceanographic Rsrch & Educ
   "Hawaii Regional Ocean Sciences Bowl"
   Cooper, Patricia Sch Ocean,Earth Sci & Tec
   Coordinate the Hawaii Regional Ocean Sciences Bowl: publicize regional competition; maintain registry of participating schools; organize regional competition on Oahu to specifications of National Ocean Sciences Bowl.
<table>
<thead>
<tr>
<th>FROM: Mainland- Other</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Leadership Enhancement in Agriculture Program</strong></td>
</tr>
<tr>
<td>&quot;Upscaling the Prediction of Total Carbon Stock in Semi-arid and Agro-ecological Zones of the Sub-Saharan Africa - Fellow A. Querido&quot;</td>
</tr>
<tr>
<td>Yost, Russell S Tropical Plant &amp; Soil Science</td>
</tr>
<tr>
<td>Supplemental to existing graduate research assistantship. Estimating soil carbon stocks in land use/land management systems of semi-arid sub-Saharan Africa that better utilize new capability of remote sensing imagery.</td>
</tr>
<tr>
<td><strong>2. The Nat'l Center for Science and Civic</strong></td>
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<tr>
<td>&quot;Early Birds and Night Owls: Analyzing Sleep in Society&quot;</td>
</tr>
<tr>
<td>Franco, Robert W Kapiolani CC</td>
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<tr>
<td>To develop two team taught courses, PHYL 160, Science of Sleep, and FAMR 230, Human Development, with a common community-based service-learning project to be collaboratively implemented by students in both courses.</td>
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<table>
<thead>
<tr>
<th>FROM: U.S. Universities and Colleges</th>
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<tr>
<td><strong>1. Kansas State</strong></td>
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<tr>
<td>&quot;Military 4-H Grant&quot;</td>
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<tr>
<td>Nakatsuka, Claire M Coll, Trop Ag &amp; Human Res</td>
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<tr>
<td>The Hawaii 4-H Military project focus for 2006-07 will be to market military 4-H youth development program opportunities and maintain Army and Air Force School-Age clubs and Army teen participation in 4-H projects and continue to build working relationships with youth programs of other armed services branches.</td>
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<tr>
<td><strong>2. Univ of California- Davis</strong></td>
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<tr>
<td>&quot;Hawaii Pest Management and Regulatory Information and Notification Network&quot;</td>
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<tr>
<td>Kawate, Michael K Plant &amp; Environmental</td>
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<tr>
<td>To facilitate input of Hawaii's pest management stakeholders to the Western Integrated Pest Management Center; identify stakeholder needs and priorities; further the development of knowledge to promote communication to benefit stakeholders and the environment; promote cooperation with and provide a link between national pest management organizations and local stakeholders.</td>
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<tr>
<td><strong>3. Univ of Wyoming</strong></td>
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<tr>
<td>&quot;Implementation of SARE Professional Development Program for Hawaii&quot;</td>
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<tr>
<td>Deenik, Jonathan Tropical Plant &amp; Soil Science</td>
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<tr>
<td>Provide on-going training opportunities for UH Cooperative Extension and USDA NRCS Staff in sustainable agriculture topics.</td>
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<table>
<thead>
<tr>
<th>FROM: All Non-U.S.</th>
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<tbody>
<tr>
<td><strong>1. Commonwealth of Northern Mariana Islands</strong></td>
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<tr>
<td>&quot;CNMI Family Service Center&quot;</td>
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<tr>
<td>Stodden, Robert A Center on Disability Studies</td>
</tr>
<tr>
<td>Provide training and support for staff, family members, and local service providers. Develop FSC publications. Plan annual family support conference. Evaluate family services and training. Disseminate information about CNMI FSC. Develop local financial and system supports.</td>
</tr>
</tbody>
</table>
2. Federated States of Micronesia  
"FSM Secondary Education Transition and Technical Assistance Project"  
Stodden, Robert A  
College of Education  
Provide training and technical assistance in the area of Special Education Secondary Transition for Federated States of Micronesia. Services to include development of a procedural manual/handbook for Secondary Education Transition, setting logistics for trainings for coordinators, administrators, parents, consumers, etc., and collecting data on transition outcomes.

FROM: Miscellaneous

1. Center for Tropical and Subtropical Aquaculture  
"Pacific Regional Aquaculture Information Service for Education (PRAISE), and Publications, Part 1-Yr 18"  
Anderson, Kristen L  
Library Services  
Continue the PRAISE program to promote information transfer within the Pacific aquaculture community including support for educational projects and ongoing information services.

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

3. Miscellaneous - Assign new code  
"European IRD Fellowship - Tribollet Corals & Endoliths"  
Atkinson, Marlin J  
Haw Inst Marine Bio-SOEST  
Research training fellowship or Aline Tribollet in coral reef algal biogeochemistry. Salary is paid directly by IRD France. This budget is for supplies provided by the EC.
Funds Received from UH Foundation

RESEARCH AWARDS

FROM: Hawaii- Associations, Foundations, Societies, etc.

1. Univ of Hawaii Foundation $2,000
   "Landscape Research"
   Paull, Robert E Tropical Plant & Soil Science
   Assist in landscape program outreach in developing educational materials.

NON-RESEARCH AWARDS

FROM: Hawaii- Associations, Foundations, Societies, etc.

1. Univ of Hawaii Foundation $25,000
   "Coastal Mapping Project"
   Fletcher, Charles H Geology & Geophys - SOEST
   This project will create an accurate detailed and accessible data base of historical shoreline change for the sandy shoreline of Oahu. The data will enable stakeholders to make informed decisions to minimize hazards and encourage sustainable development of the coastal zone, while maximizing preservation and restoration of beach resources.

2. Univ of Hawaii Foundation $24,125
   "LMO Scholarship"
   Fossorier, Marc P C Electrical Engineering
   Electrical Engineering Undergraduate Scholarship.
UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL RESEARCH AWARDS, DECEMBER 2006 - DECEMBER 2006

DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, DECEMBER 2006 - DECEMBER 2006

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### YEAR-TO-DATE SUMMARY

### EXTRAMURAL RESEARCH AWARDS, JULY-DECEMBER 2006

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YEAR-TO-DATE SUMMARY
EXTRAMURAL NON-RESEARCH AWARDS, JULY-DECEMBER 2006
DISTRIBUTION BY SPONSORS

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Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOA-Dept of Agriculture

1. DOA-Dept of Agriculture $102,867
   “Risk Assessment/Propagation Techniques for GMO Plants”
   Jack Fujii UHH-Agriculture

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior $13,700
   “Hawaiian Forest Bird Research”
   Sharon Ziegler-Chong UHH-Aquaculture

FROM: Elsevier Ltd.

1. Elsevier Ltd. $20,800
   “International Journal FY03”
   Dan Landis UHH-Psychology

FROM: Hawaii Government Agencies

1. State of Hawaii - DLNR $14,850
   “Hawaiian Forest Bird”
   Sharon Ziegler-Chong UHH-Aquaculture

FROM: Hawaii Business and Other

1. Puna Geothermal Venture $29,299
   “Geodetic Surveys, Kilauea Volcano”
   James Anderson UHH-Geology
NON-RESEARCH AWARDS

FROM: ED-Dept of Education

1. ED-Dept of Education $18,000
   “MOA Kualapu’u”
   Keiki Kawaiaea UHH-Hawaiian Studies

FROM: Dept of Energy

1. Dept of Energy $73,537
   “Yucca Mountain Performance”
   Stephen Hora UHH-Academic Affairs

FROM: Hawaii Business and Other

1. OHA-Office of Hawaiian Affairs $6,302
   “Ku Kilakila”
   Seri Luangphininth UHH-Humanities
UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL RESEARCH AWARDS, DECEMBER 2006 - DECEMBER 2006

DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, DECEMBER 2006 - DECEMBER 2006

DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL RESEARCH AWARDS, JULY 2006 - DECEMBER 2006

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<td>3</td>
<td>$79,299</td>
<td>2.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>41</strong></td>
<td><strong>$4,497,898</strong></td>
<td><strong>100.00</strong></td>
</tr>
</tbody>
</table>
UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY
EXTRAMURAL NON-RESEARCH AWARDS, JULY 2006 - DECEMBER 2006
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>DOA-Dept of Agriculture</td>
<td>1</td>
<td>$1,538,345</td>
<td>16.00</td>
</tr>
<tr>
<td>ED-Dept of Education</td>
<td>10</td>
<td>$3,899,878</td>
<td>40.00</td>
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<tr>
<td>Dept of Energy</td>
<td>1</td>
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<tr>
<td>DHHS-Dept of Health and Human Services</td>
<td>3</td>
<td>$665,959</td>
<td>7.00</td>
</tr>
<tr>
<td>NASA-Nat’l Aeronautics and Space Administration</td>
<td>1</td>
<td>$2,784,600</td>
<td>29.00</td>
</tr>
<tr>
<td>NSF-Nat’l Science Foundation</td>
<td>2</td>
<td>$735,331</td>
<td>8.00</td>
</tr>
<tr>
<td>Hawaii Government Agencies</td>
<td>1</td>
<td>$20,000</td>
<td>0.00</td>
</tr>
<tr>
<td>Hawaii Business and Other</td>
<td>2</td>
<td>$12,602</td>
<td>0.00</td>
</tr>
<tr>
<td>Hawaii Association, Foundation &amp; Societies</td>
<td>2</td>
<td>$12,733</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>23</strong></td>
<td><strong>$9,742,985</strong></td>
<td><strong>100.00</strong></td>
</tr>
</tbody>
</table>
Gifts, Grants, and Contracts Received January 1-31, 2007

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Natural Resources Conservation Service  
   "Pacific Island Plant Restoration, v.2"  
   Puttock, Christopher  
   Pacific Biosciences Research  
   Further develop and upgrade the existing Pacific Island Plant  
   Restoration version 1 database to include plants of Hawaii and  
   American Samoa.  
   $20,000

FROM: DHHS-Dept of Health & Human Services

1. NIH-Nat'l Heart, Lung & Blood Institute  
   "University of Hawaii Research Scientist Award in  
   Molecular Cardiology"  
   Shohet, Ralph  
   Medicine- MED  
   Phase II (years 3-7) will establish a research and education program  
   with the recruited scientist as principal investigator.  
   $751,905

2. NIH-Nat'l Inst of Allergy & Infectious Diseases  
   "Pregnancy-Associated Hormones and Immunity to  
   Malaria"  
   Taylor, Diane Wallace  
   Trop Med - Med Micro- MED  
   To determine how hormones in pregnant women alter their immune  
   response to the parasite that causes malaria. Also, to determine if  
   malarial parasites induce hormones that cause women to have  
   premature deliveries. The project includes laboratory-based studies  
   in the USA using samples already collected and at the University of  
   Yaounde.  
   $89,042

FROM: DOD-Dept of Defense

1. DOD-Dept of Air Force  
   "Operations and Management of the Maui Supercomputing  
   Center"  
   Lassner, David K  
   Info Technology Services  
   Cost reimbursement award term contract for research, development,  
   operations and management of the Maui Supercomputing Center.  
   $1,731,097

2. DOD-Dept of Air Force  
   "Operations and Management of the Maui Supercomputing  
   Center"  
   Lassner, David K  
   Info Technology Services  
   Cost reimbursement award term contract for research, development,  
   operations and management of the Maui Supercomputing Center.  
   $9,184,907
3. DOD-Dept of Army $75,000
   "Equations of State of WC, TiB2 and Related Advanced Ceramics: Phase 3"
   Manghnani, Murli H Haw Inst Geophys & Planet
   Hydrostatic compression using X-ray, ultrasonic and Raman scattering data.

4. DOD-Dept of Navy $25,458
   "Radar Remote Sensing of the Mesoscale Flow Through Lombok and Other Straits of the Indonesian Throughflow"
   Flament, Pierre J Oceanography - SOEST
   Deployment of four high frequency radars to measure surface currents in the coastal zone and straits between Bali and Lomkok, Indonesia, as part of a large coordinated ONR experiment.

5. DOD-Dept of Navy $160,000
   "Multiple Approaches for Testing Novel Coatings in the Laboratory and in Pearl Harbor, Hawaii: Investigations at the Microbial and Macrofouler Levels"
   Hadfield, Michael G Pacific Biosciences Research
   Testing of fouling organisms on experimental marine coatings.

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior $37,500
   "National Assessment of Shoreline Change: Historical Shoreline Changes and Associated Coastal Land Loss Along Sandy Shorelines of Oahu, Maui and Kauai"
   Fletcher, Charles H Geology & Geophys - SOEST
   Continue working with the national assessment project in the area of statistical tool development for application to the USGS DSAS software.

FROM: National Science Foundation

1. National Science Foundation $92,229
   "Collaborative Research: Capturing Mauna Loa's Current Reawakening-Integrated Geodetic and Numerical Investigations of Magmatic and Volcanotectonic"
   Brooks, Benjamin Haw Inst Geophys & Planet
   Propose to study the current eruptive cycle at Mauna Loa Volcano and observe surface deformation with GPS geodesy and SAR interferometry and model those observations with elastic and discrete element models.
2. National Science Foundation $32,618
"Collaborative Research: A Three-Dimensional, Subseafloor, IODP Observatory Network in the Northeastern Pacific Ocean, and Initiation of Large-Scale,..."
Cowen, James P Oceanography - SOEST
Use particle tracers to trace the movement of microorganisms through the sediment-buried ocean crust (rock) using deep ocean boreholes.

3. National Science Foundation $293,906
"Predicting Lahar Evolution and Runout Behavior"
Fagents, Sarah Haw Inst Geophys & Planet
Our goal is to develop a numerical model of volcanic debris flow emplacement and implement it as a hazards prediction tool, using case studies from Mount Ruapehu, New Zealand and Mount St. Helens, Washington.

4. National Science Foundation $30,534
"Investigation of Reykjanes Ridge Evolution Near Iceland (Supplement)"
Hey, Richard N Haw Inst Geophys - SOEST
Marine geophysical investigation of the Reykjanes near Iceland, on R/V Knorr (a UNOLS ship operated by Woods Hole Oceanographic Inst.).

5. National Science Foundation $127,192
"Small Grant for Exploratory Research: Starting the Gemini NICI Planet-Finding Campaign"
Liu, Michael Institute for Astronomy
SGER will support science activities of the NICI (Near-Infrared Coronagraphic Imager) Planet-Finding Campaign to be conducted at the Gemini-South 8.1-meter Telescope. The NICI Campaign is focused on direct detection of extrasolar planets using high contrast optics imaging. SGER Funding will support key preparatory activities and the initial science observations.

6. National Science Foundation $42,465
"Acceleration of the Last Glacial Termination Due to Climate-carbon Cycle Feedbacks"
Timmermann, Axel Oceanography - SOEST
A coupled atmosphere-ocean-sea ice-biogeochemical model will be used to understand the mechanisms which have led to the last glacial termination 20,000 years ago.
FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration $220,953
   "A LASER RIMS Instrument to Date Igneous Rocks using Rb-Sr and Measure Elemental Chemistry"
   Anderson, F Scott  Haw Inst Geophys & Planet
   A proposal to build a device to measure the age of a rock.

2. Nat'l Aeronautics & Space Administration $135,000
   "ANITA: Antarctic Impulsive Transient Antenna"
   Gorham, Peter W  Physics & Astronomy
   To fly a long duration balloon mission to address the question of the nature & origin of the highest energy cosmic rays, and the ultimate limits of energy in the universe.

3. Nat'l Aeronautics & Space Administration $83,333
   "New Tools for Advanced Hot Spot Tracking using MODIS Thermal Alerts"
   Harris, Andrew  Haw Inst Geophys & Planet
   To use MODIS hot spot data to map lava flow inundation areas.

4. Nat'l Aeronautics & Space Administration $108,208
   "A Self-Consistent Investigation of SEP Production in Gradual Events Based On Realistic Models of Turbulence and IFM"
   Roussev, Ilia I.  Institute for Astronomy
   This proposal is to study the shock acceleration of solar energetic particles, and their transport, coupled to the dynamics of coronal mass ejections driven shock wave of the sun. The goal is to develop a self-consistent model which integrates the best theories developed for every aspect of the solar particle production and transport.

FROM: Hawaii- Government Agencies

1. Hawaii-Dept of Business & Economic $75,000
   "Onsite Wastewater Treatment Survey and Assessment Study"
   Babcock, Roger W  Water Resource Research
   The objective of this study is to survey and assess the range of onsite treatment systems available, their performance/costs/constraints, their suitability by physiographic region, and then create a handbook for selecting an appropriate onsite system in the State of Hawai'i.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Department</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Hawaii-Dept of Health</td>
<td>$23,589</td>
<td></td>
</tr>
<tr>
<td>&quot;Remediation of Arsenic in Hawaii Soils: Laboratory and Field Pilot Studies of Geochemical Fixation&quot;</td>
<td>Ray, Chittaranjan</td>
<td>Water Resource Research</td>
</tr>
<tr>
<td>3. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$89,085</td>
<td></td>
</tr>
<tr>
<td>&quot;Statewide Plant Conservation Program&quot;</td>
<td>Duffy, David</td>
<td>Botany</td>
</tr>
<tr>
<td>4. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$259,546</td>
<td></td>
</tr>
<tr>
<td>&quot;The State of Hawai'i's Plant Extinction Prevention Program&quot;</td>
<td>Duffy, David</td>
<td>Botany</td>
</tr>
</tbody>
</table>

FROM: Hawaii- Associations, Foundations, Societies, etc.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Department</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. HCF-G.F. Straub Trust</td>
<td>$39,094</td>
<td></td>
</tr>
<tr>
<td>&quot;UGT Inhibition as a Mechanism for Endocrine Disruption: Teratogenic and Carcinogenic Consequences&quot;</td>
<td>Collier, Abby C.</td>
<td>Trop Med - Med Micro- MED</td>
</tr>
<tr>
<td>2. HCF-Geist Foundation</td>
<td>$50,000</td>
<td></td>
</tr>
<tr>
<td>&quot;Mechanism of Oleanolic Acid in Pancreatic Beta Cell Exocytosis&quot;</td>
<td>Andres, Marilou</td>
<td>Pacific Biosciences Research</td>
</tr>
</tbody>
</table>

Results from this study will provide insight into teratogenic and carcinogenic consequences of environmental exposure to pesticides and other compounds that may interfere with steroid metabolism.

It is well established that a rise in intracellular calcium concentration induces exocytosis in pancreatic endocrine cells. This project is to investigate the mechanism involved in the insulinotropic effect of oleanolic acid. We will study the pharmacological effect of oleanolic acid on calcium-activated SK ion channels.
3. HCF-Tobacco Prevention & Control Trust Fund $300,000
"The HEALTHY Women and Children's Program: Healthy Elimination and Lowering of Tobacco in Households for Youth"

Lee, Meta Pediatrics- MED
This project proposes to develop a comprehensive tobacco prevention and cessation program at an Oahu hospital, and will involve training health care providers, implementing smoking cessation interventions, and collecting data from young adult smokers who are pregnant or parents of young children.

FROM: Hawaii- Health Organizations

1. Pacific Health Research Institute $77,008
"Open Source Electronic Health Records System in Rural Healthcare Facilities"
Blanchette, Patricia Geriatrics-MED
To provide expert research guidance in identification of individual- and organizational-level facilitators and barriers to the implementation of an electronic health system in rural healthcare facilities.

FROM: Mainland- Associations, Foundation, Soc, etc.

1. Jackson Foundation (Henry M. Jackson) $65,218
"Cancer Risk Among Military Veterans in the Multiethnic Cohort"
Kolonel, Laurence N Cancer Research Center
The project will collect additional data from Multi-Ethnic Cohort men in order to make comparisons between and among military and non-military populations in terms of lifestyle exposures, cancer, and other disease risks.

FROM: Mainland- Business

1. NeurogesX, Inc $68,490
"A Multicenter Randomized, Double-blind, Controlled Study of NGX-4010 for the Treatment of Painful HIV-Associated Neuropathy"
Chow, Dominic Medicine- MED
Use of Transacin (capsaicin patch) to treat HIV-associated peripheral neuropathy.
FROM: Mainland- Health Organizations

1. American Institute for Cancer Research $165,000
   "A Comparative Study of Adenoma in Brazil, Japan and Hawaii"
   Le Marchand, Loic Cancer Research Center
   To conduct a colonoscopy-based case-control study of adenoma among Japanese Brazilians in Sao Paulo, Brazil, and to compare findings with our ongoing adenoma study in Hawaii and with a third (separately funded) companion study conducted at the National Cancer Center in Tokyo.

FROM: Mainland- Other

1. Jet Propulsion Lab $51,000
   "Science Model Driven Autonomous Sensor Web (MSW)"
   Wright, Robert Haw Inst Geophys & Planet
   Using low spatial resolution satellite data for on-orbit re-tasking of a hyperspectral satellite sensor. Optimizing the system for imaging eruption volcanoes.

2. Space Telescope Science Institute $49,446
   "STScI: Mixing It Up - Gas, Stars, Starbirth and AGN in a Supercluster at z=0.9"
   Gal, Roy Institute for Astronomy
   To measure and conduct analysis of galaxy structural parameters from the HST ACS mosaic of the CI1604 supercluster.

FROM: U.S. Universities and Colleges

1. Mississippi State University $20,000
   "Further Testing and Evaluation of Code Coupling Methodologies and Application of a Leading Coupling Framework to Atmospheric and Oceanic Models"
   Li, Tim Meteorology - SOEST
   Test and implement the existing couplers/frameworks to develop standards and general solutions for climate, weather and ocean code coupling.

2. Univ of Arizona $16,942
   "Interpretation of Mars Odyssey Gamma Ray Data"
   Taylor, G Jeffrey Haw Inst Geophys & Planet
   Make geochemical interpretations of elemental data obtained by the Mars Odyssey Gamma-Ray Spectrometer.
<table>
<thead>
<tr>
<th>3. Univ of California- Santa Cruz</th>
<th>$79,779</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Collaborative: Biology and Ecology of Newly Discovered Diazotrophs in the Open Ocean&quot;</td>
<td></td>
</tr>
<tr>
<td>Church, Matthew</td>
<td>Oceanography - SOEST</td>
</tr>
<tr>
<td>Recently discovered nitrogen fixing microorganisms have the potential to regulate oceanic productivity and nutrient cycling. Using quantitative PCR methodology, I will identify and quantify the abundance and activities of several groups of oceanic nitrogen fixing bacteria. These studies will provide information on the ecological variables that influence oceanic nitrogen.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Univ of Southern California</th>
<th>$683,279</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Genetic Susceptibility to Cancer in Multiethnic Cohorts&quot;</td>
<td></td>
</tr>
<tr>
<td>Kolonel, Laurence N</td>
<td>Cancer Research Center</td>
</tr>
<tr>
<td>The major goal of this project is to collect biological samples among members of a Multiethnic Cohort to test association of several genetic susceptibility markers of colon, breast and prostate cancers.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Univ of Washington</th>
<th>$9,648</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Diabetes Prevention Program Outcomes Study in Hawaii&quot;</td>
<td></td>
</tr>
<tr>
<td>Arakaki, Richard F</td>
<td>Medicine- MED</td>
</tr>
<tr>
<td>Maintain outcome measures and retention of the Diabetes Prevention Program cohort in Hawaii. Intervention of lifestyle modification and metformin treatment are continued during the course of this proposal in people at risk and who have developed diabetes. In addition, more extensive outcome measures will be obtained in participants who have developed diabetes.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6. Washington University- St. Louis, MO</th>
<th>$5,813</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;ACTG 5157: Acetyl-L-Carnitine for DSPN&quot;</td>
<td></td>
</tr>
<tr>
<td>Valcour, Victor G</td>
<td>Medicine- MED</td>
</tr>
<tr>
<td>This is a continuation of leadership funds to direct a multicenter trial of acetyl-L-carnitine for the treatment of neuropathy in HIV patients, and to continue neuroAIDS research infrastructure development at the University of Hawaii.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7. Yale University</th>
<th>$131,820</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Alcohol Associated Outcomes Among HIV +/- Aging Veterans&quot;</td>
<td></td>
</tr>
<tr>
<td>Gerschenson, Mariana</td>
<td>School of Medicine</td>
</tr>
<tr>
<td>Examining mitochondrial parameters in blood from HIV + patients.</td>
<td></td>
</tr>
</tbody>
</table>

FROM: All Non-U.S.

<table>
<thead>
<tr>
<th>1. BAE Systems</th>
<th>$50,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;RF Planning Tools and Support for RF Spectrum Awareness in Urban Environments&quot;</td>
<td></td>
</tr>
<tr>
<td>Yun, Zhengqing</td>
<td>Electrical Engineering</td>
</tr>
<tr>
<td>Develop RF propagation models for urban environments</td>
<td></td>
</tr>
</tbody>
</table>
2. Trojan Technologies, Inc $75,351
"Ultraviolet Radiation Technology Investigation"
Moreland, Victor Water Resource Research
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.

3. UNESCO- United Nations $143,841
"The IOC Coordinated Indian Ocean Tsunami Warning System: Upgrade of Sea Level Stations in the Indian Ocean"
Merrifield, Mark A JIMAR - SOEST
To install, upgrade, and maintain multiple-use tide gauge stations in the Indian ocean for tsunami and sea level monitoring.

FROM: Miscellaneous

1. Center for Tropical and Subtropical Aquaculture $71,509
"Risk Assessment to Identify Potential Shrimp Virus Impacts in Hawaii and Development of Biosecurity Protocols"
Lewis, Teresa Haw Inst Marine Bio-SOEST
Project involves a risk assessment to identify potential shrimp virus impacts in Hawaii (to farmed and wild populations of shrimp/decapod crustaceans) and development of biosecurity protocols.

NON-RESEARCH AWARDS

FROM: DHHS-Dept of Health & Human Services

1. DHHS-Dept of Health & Human Services $21,000
"AHEC Professional Training"
Johnson, Nancy K Maui CC
Increase paraprofessional course offerings.

2. DHHS-Dept of Health & Human Services $500,000
"JOB’S MED: Hire Abilities - Hawaii"
Stodden, Robert A Center on Disability Studies
Conduct study of employment supports health-care coverage delivered by DHHS, Vocational Rehab. Will build an analysis on creative industries & cultural tourism to expand creative career opportunities.
FROM: DOD-Dept of Defense

1. DOD-Dept of Defense $271,894
   "Memorandum of Agreement regarding High Performance Communication Cooperation"
   Lassner, David K Info Technology Services
   Provision of trans-pacific network capacity between Hawaii and California for Defense Research and Engineering Network (DREN)

2. DOD-Dept of Defense $175,560
   "Memorandum of Agreement regarding High Performance Communication Cooperation"
   Lassner, David K Info Technology Services

FROM: National Science Foundation

1. National Science Foundation $326,000
   "National Science Foundation Graduate Research Fellowship Program"
   Garrod, Peter V Graduate Division
   To provide graduate students the opportunity to further their education by funding their research projects.

FROM: Nat'l Endowment for the Arts

1. Nat'l Endowment for the Arts $15,000
   "MANOA: A Pacific Journal of International Writing"
   Stewart, F English
   Production of two copies of a literary journal.

FROM: Independent Federal Agencies- Minor

1. Peace Corps $2,250
   "Collaboration for Peace Corps Recruiting Activities at the University of Hawaii Campuses"
   Casey, Rosemary Planning & Policy
   Provide continuous local recruitment activities to students/faculty/staff at the UH's 10 campuses with the goal of increasing the number of applications sent to the U.S. Peace Corps San Francisco Regional Office from UH and by Hawaii residents.

FROM: Hawaii- Government Agencies

1. DLNR-Kaho'olawe Island Reserve Commission $28,251
   "Kahoolawe Fish Surveys 2006-07"
   Maynard, Sherwood D Marine Option Program - CNS
   To continue semi-annual monitoring of coral reef ecosystem health and human impacts at selected sites in the Kahoolawe Island Reserve.
2. Hawaii-Dept of Hawaiian Home Lands
"Hawaiian Home Lands Agricultural Education Program"
Nishijima, Wayne T College of Tropical Ag &
Provide educational and technical assistance to DHHL leasees to
develop successful commercial agricultural enterprises or
subsistence agricultural activities.

3. Hawaii-Dept of Health
"Enforcement of Underage Alcohol Sales"
Albright, Cheryl Cancer Research Center
This contract is to conduct a statewide survey to determine the rate
of alcohol sales to underage youth in retail stores and to support
enforcement operations of the Hawaii health department.

4. Hawaii-Dept of Health
"Evaluation Services for HIV Prevention"
Katz, Alan R Public Health Sciences
Development and implementation of evaluation services for HIV
prevention programs, including training of SAPB and contracted
purchase of service providers, implementation of Program Evaluation
and Monitoring System (PEMS), and contract monitoring.

5. Hawaii-Dept of Land & Natural Resources
"West Maui Mountains Watershed Partnership
Management Plan Implementation: FY 07 (was State West
Maui Mountains Watershed Partnership: Phase 6)"
Duffy, David Botany
Continue support of West Maui Mountains Watershed's protection of
native forests.

6. Hawaii-Off of Hawaiian Affairs
"Niihau Teachers' Quest to Become Certified Teachers"
Cha, Peggy Kauai CC
Kauai Community College is assisting a group of Niihau residents to
obtain credentials necessary to continue teaching at Niihau's only
public school. This OHA administrative grant request is for
scholarship support to cover tuition, fees and other necessary costs
for five students.

FROM: Hawaii- Associations, Foundations, Societies, etc.

1. Catholic Charities Hawaii
"Try Wait! Abstinence Program Evaluation"
Nagatoshi, Charles School of Social Work
To assist in the data collection and analysis of the Try Wait!
Abstinence program.
<table>
<thead>
<tr>
<th>Coalition for a Tobacco Free Hawaii</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>&quot;Make It Your Business, Phase I&quot;</strong></td>
</tr>
<tr>
<td><strong>Braun, Kathryn L</strong> Public Health Sciences</td>
</tr>
<tr>
<td>To develop tools for and educate businesses in helping workers quit smoking.</td>
</tr>
</tbody>
</table>

**FROM: Hawaii- Business and Other**

<table>
<thead>
<tr>
<th>Hoana Medical Inc</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>&quot;Statistical Analyses for Hoana Medical&quot;</strong></td>
</tr>
<tr>
<td><strong>Efird, Jimmy T</strong> Trop Med - Med Micro- MED</td>
</tr>
<tr>
<td>Complete analysis of data collected by Hoana Medical.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Research Corp, University of Hawaii</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>&quot;REAL: Hawaii's Youth Movement Against the Tobacco Industry&quot;</strong></td>
</tr>
<tr>
<td><strong>Albright, Cheryl</strong> Cancer Research Center</td>
</tr>
<tr>
<td>REAL is Hawaii's only youth-led statewide anti-tobacco campaign that focuses on exposing the lies of the tobacco companies, engaging youth in meaningful action to counter the industry, and building youth leadership as tobacco control and health advocates.</td>
</tr>
</tbody>
</table>

**FROM: Hawaii- Health Organizations**

<table>
<thead>
<tr>
<th>Waianae Coast Comprehensive Health Center</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>&quot;Waianae Health Academy - Training for PN to RN Nursing: Community Health Worker, Intro to Health Professions&quot;</strong></td>
</tr>
<tr>
<td><strong>Kawaharada, Dennis</strong> Kapiolani CC</td>
</tr>
<tr>
<td>Provide instructors, lecturers, and support services for various health programs offered at the Waianae Health Academy.</td>
</tr>
</tbody>
</table>

**FROM: Mainland- Associations, Foundation, Soc, etc.**

<table>
<thead>
<tr>
<th>AARP (American Assoc of Retired Persons)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>&quot;AARP Student Support&quot;</strong></td>
</tr>
<tr>
<td><strong>Browne, Colette V</strong> School of Social Work</td>
</tr>
<tr>
<td>To provide stipend funding for students interested in aging.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chinese Language Teachers Association</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>&quot;Chinese Language Teachers Association&quot;</strong></td>
</tr>
<tr>
<td><strong>Ning, Cynthia Y</strong> Chinese Studies- SHAPS</td>
</tr>
<tr>
<td>Handles accounts, records and general communication (national and international) of the Chinese Language Teachers Association.</td>
</tr>
</tbody>
</table>
FROM: Mainland- Business

1. Chenega Technology Services Corp
"PBCP-Akimake ISO Implementation Support - 2007"
Rota, Michael T Office, VP Community Coll.
The Pacific Business Center Program will be facilitating ISO 9001 Implementation Support & Strategic Planning Workshops for Akimeka, a Hawaii and east coast based technology company. Akimeka is a protégé of the funder, Chenega Technology Services Corporation, under the US Dept of Defense's mentor-protégé program.

FROM: Mainland- Other

1. Space Telescope Science Institute
"Hubble Postdoctoral Fellowship - Lisa Kewley"
Stockton, Alan N Institute for Astronomy
The aim of this project is to gain a simultaneous understanding of the metallicity and star formation in the galaxies between 0<z<3.

2. The Nat'l Center for Science and Civic
"Developing an Undergraduate Sustainability Curriculum at UHM"
Tiles, Mary E Philosophy
Develop undergraduate sustainability curriculum including courses to support a proposed sustainability studies certificate program.

FROM: U.S. Universities and Colleges

1. Mississippi State University
"University of Hawaii Participation in MOS University Consortium PET Project"
Lassner, David K Info Technology Services
The University of Hawaii will support the MOS University Team with the Education, Outreach & Training plus other components of the DoD PET Program.

2. Mississippi State University
"University of Hawaii Participation in MOS University Consortium PET Project"
Lassner, David K Info Technology Services
The University of Hawaii will support the MOS University Team with the Education, Outreach & Training plus other components of the DoD PET Project.
FROM: All Non-U.S.

1. Government of American Samoa $888,290
   "American Samoa Territorial Training Assistance Project - 2007"
   Haleck, Peggy A  College of Education
   To provide a Bachelor of Education degree and teacher certification to upgrade the skills of inservice teachers in American Samoa.

2. Government of American Samoa $25,220
   "Early Childhood Endorsement Education Project - 2007"
   Haleck, Peggy A  College of Education
   To provide courses which lead toward early Childhood endorsement through the bachelor of education degree via the Territorial Teacher Training Assistance project in American Samoa.

3. University of Queensland $51,000
   "GEF PhD - Supplement for Travel and Workshop Support"
   Gates, Ruth  Haw Inst Marine Bio-SOEST
   This supplement will be used to support a workshop that will be held at HIMB from June 1 - July 14, 2007 ($45,000) and to support travel by the PI to attend meetings associated with the project.
Funds Received from UH Foundation

RESEARCH AWARDS

FROM: Hawaii- Associations, Foundations, Societies, etc.

1. Univ of Hawaii Foundation
   "M. Carbone Laboratory"
   Carbone, Michele Cancer Research Center
   Salary for Graduate Assistant in Dr. Carbone's lab.
   $18,326

2. Univ of Hawaii Foundation
   "Collaborative Software Development Laboratory"
   Johnson, Philip M Info & Computer Science
   Perform research and development on inference of test driven development.
   $10,000

3. Univ of Hawaii Foundation
   "Castle Research Associate"
   Ward, W Steven School of Medicine
   Contract from UH Foundation account to provide personnel salaries and fringe, supplies to support the ongoing research work of PI, W. Steven Ward.
   $23,000

NON-RESEARCH AWARDS

FROM: Hawaii- Associations, Foundations, Societies, etc.

1. Univ of Hawaii Foundation
   "English Language Training Capacity at Hanoi University, Vietnam Fund"
   Bui, Tung College of Business
   Strengthen English language pedagogy & capacity in Vietnam.
   $21,000

2. Univ of Hawaii Foundation
   "Walter and Jeane Lum Student Lounge"
   Choi, Song College of Engineering
   Construction of a Student Activities Center for College of Engineering students.
   $40,000
3. Univ of Hawaii Foundation $250,000
   "Myron Pinky Thompson Chair"
   Mau, Marjorie K Native Hawaiian Health- MED
   To develop a research and training program focused on health
disparities in Native Hawaiian and other underserved populations.

4. Univ of Hawaii Foundation $1,590
   "Aboriculture Internship at Harold L. Lyon Arboretum"
   Morden, Clifford W Lyon Arboretum
   Internship training in aboriculture including the management and
care for tropical trees.

5. Univ of Hawaii Foundation $147,020
   "Matson Navigation Co. Chair of Global Business Education
   2006-2009"
   Roley, V. Vance College of Business Admin
   Salary support for Matson Chairholder of Global Business Education.

6. Univ of Hawaii Foundation $15,750
   "12086004 Law School Annual Fund"
   Soifer, Aviam School of Law
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Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOC-Dept of Commerce

1. DOC-Dept of Commerce $8,998
   “Temporal Closures - Management Strategies for Coastal Fisheries in Hawaii”
   Jim Beets UHH-Natural Science

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior $19,998
   “Primary Nursery Habitats”
   Jim Beets UHH-Natural Science

NON-RESEARCH AWARDS

FROM: ED-Dept of Education

1. ED-Dept of Education $5,000
   “Kona Pacific Public Charter School”
   Robert Fox UHH-Physics & Astronomy

FROM: Mainland Association and Foundation

1. NCAA-National Collegiate Athletic Association $7,500
   “Strategic Alliance Matching Grant”
   Kathleen McNally UHH-Intercollegiate Athletics

FROM: Hawaii Business and Other

1. OHA-Office of Hawaiian Affairs $707,208
   “Na Pua No’eau FY 2007”
   David Sing UHH-Director’s Office
UNIVERSITY OF HAWAII AT HILO SUMMARY

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<td>1</td>
<td>$7,500</td>
<td>0.00</td>
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<tr>
<td>Hawaii Government Agencies</td>
<td>1</td>
<td>$20,000</td>
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<tr>
<td>Hawaii Business &amp; Other</td>
<td>3</td>
<td>$719,810</td>
<td>7.00</td>
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<td>Hawaii Association, Foundation &amp; Societies</td>
<td>2</td>
<td>$12,733</td>
<td>0.00</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>26</strong></td>
<td><strong>$10,462,693</strong></td>
<td><strong>100.00</strong></td>
</tr>
</tbody>
</table>

RECOMMENDATION: That the Board accepts with thanks the gifts and grants and ratify the actions of the administration in executing the contracts.
**Appointments, changes in appointments, leaves of absence, promotion, tenure, waiver of minimum qualifications, emeritus titles, shortening of probationary period, salary adjustments, position actions, classification, pricing.**

**UNIVERSITY OF HAWAI'I, SYSTEM**

**Executive**

MORTON, JOHN  
Vice President for Community Colleges  
Office of the VP for Community Colleges  
Salary Adjustment, Permanent Reassignment and Multi-year Reappointment  
Upon Board Approval and Continuing for three years

**UNIVERSITY OF HAWAI'I AT MĀNOA**

**Executive**

HINSHAW, VIRGINIA  
Chancellor, UHM  
Office of the Chancellor, UHM  
Multi-year Appointment and Housing Allowance  
July 1, 2007 - June 30, 2012

**Professor or equivalent**

HINSHAW, VIRGINIA  
Professor, I5  
College of Natural Sciences and John A. Burns School of Medicine  
Joint Appointments and Waive the Probationary Period to Allow for Expedited Tenure Proceedings  
July 1, 2007

**Emeritus**

ALLEN, RICHARD DEAN  
Professor, I5  
Pacific Biosciences Research Center  
Upon Board Approval
Recommendation: That the Board approve the personnel actions as recommended.
RESIGNATIONS AND RETIREMENTS OF BOARD OF REGENTS’ APPOINTEES

Resignations

ANDRADE, SUZANNE
Institutional Support
(Admin & Fiscal Support Specialist)
Institute for Astronomy
University of Hawai’i at Mānoa
October 1, 2006

BARRETTINO, DIEGO RUBEN
Assistant Professor
Electrical Engineering
University of Hawai’i at Mānoa
September 1, 2006

BAUER, HUI-FANG H.
Academic Support
(Educational Specialist)
Provost’s Office
Honolulu Community College
July 28, 2006

BAUMS, ILIANA B.
Assistant Researcher
Hawai’i Institute of Marine Biology
University of Hawai’i at Mānoa
July 31, 2006

BISSEN, BLAISE
Instructional & Student Support
(Student Services Specialist)
Kuaan’a Native Hawaiian Student Dev Svcs
University of Hawai’i at Mānoa
September 1, 2006

BLOUGH, ADAM W.
Instructional & Student Support
(Educational & Academic Support Sp)
International Affairs
University of Hawai’i, System
September 7, 2006
CALLAHAN, MICHAEL
Research Support
(Research Associate)
Waikīkī Aquarium
University of Hawai‘i at Mānoa
June 26, 2006

CAMPBELL, IAN S.
Assistant Specialist
Social Sciences Research Institute
University of Hawai‘i at Mānoa
August 18, 2006

CAMPBELL-MEIER, JENNIFER L.
Junior Specialist
School of Travel Industry Management
University of Hawai‘i at Mānoa
August 15, 2006

CASTILLO, CRISTY S. A.
Academic Support
(Educational Specialist)
Upward Bound Program
University of Hawai‘i at Hilo
May 31, 2006

CHANG, STUART G.
Athletics
Intercollegiate Athletics
University of Hawai‘i at Mānoa
July 25, 2006

COLLINS, MARIE
Instructional & Student Support
(Educational Associate)
Curriculum Research & Development Group
University of Hawai‘i at Mānoa
July 31, 2006

COLLIS, TARQUIN K.
Specialist
Medicine
University of Hawai‘i at Mānoa
August 31, 2006
CORDERO-BRANA, OLGA I.
Assistant Professor
Mathematics
University of Hawai‘i at Hilo
July 31, 2006

COSTA PISANI, PATRIZIA
Assistant Specialist
Geology and Geophysics
University of Hawai‘i at Mānoa
September 29, 2006

DANE, JOSEPH
Information Technology
(IT Specialist)
Information Technology Services
University of Hawai‘i, System
August 11, 2006

DEFRIES, TAMAR R.
Assistant Specialist
Na Pua No‘eau
University of Hawai‘i at Hilo
August 31, 2006

ELL, AMINTA D.
Academic Support
(Educational Specialist)
Institute for Astronomy
University of Hawai‘i at Mānoa
August 21, 2006

ESTRELLA, DOMINIC
Research Support
(Research Associate)
Nursing Dept
University of Hawai‘i at Mānoa
September 30, 2006

FRYER, GERARD
Associate Researcher
Hawai‘i Inst of Geophysics & Planetology
University of Hawai‘i at Mānoa
August 31, 2006
GRAHAM, JOY ANN  
Librarian II  
School of Medicine  
University of Hawai‘i at Mānoa  
October 13, 2006  

HIEBER, ANDREW D.  
Assistant Researcher  
Tropical Plant & Soil Science  
University of Hawai‘i at Mānoa  
August 17, 2006  

HOWDESHELL, BRIAN P.  
Physical Plant Management  
(Auxiliary & Facilities Services Officer)  
Student Housing Services  
University of Hawai‘i at Mānoa  
August 3, 2006  

HAYASHI, JUNIE  
Academic Support  
(Educational Specialist)  
Hamilton Library  
University of Hawai‘i at Mānoa  
October 6, 2006  

JOLLY, ARTHUR D.  
Assistant Professor  
Geology  
University of Hawai‘i at Hilo  
July 31, 2006  

KAMAKAWIWO'OLE, PATRICK  
Assistant Specialist  
Counseling & Student Development Center  
University of Hawai‘i at Mānoa  
August 31, 2006  

KOZUMA, WAYNE  
Academic Support  
(Educational Specialist)  
Curriculum Research & Development Group  
University of Hawai‘i at Mānoa  
July 21, 2006
KUO, MASON
Institutional Support
(Administrative Officer)
School of Ocean, Earth Science & Tech
University of Hawai‘i at Mānoa
August 31, 2006

MONDOR, EDWARD B.
Junior Researcher
Plant & Environmental Protection Sciences
University of Hawai‘i at Mānoa
August 30, 2006

MORGAN, JULIE Q.
Head Volleyball Coach (Women’s)
Athletics
University of Hawai‘i at Hilo
July 21, 2006

NADALA, ELPIDIO CESAR B.
Junior Researcher
Pacific Biosciences Research Center
University of Hawai‘i at Mānoa
April 30, 2006

NAKAYAMA, SEAN
Research Support
(Research Associate)
Committee on Human Studies
University of Hawai‘i, System
July 31, 2006

NOTHLINGS, UTE
Junior Researcher
Cancer Research Center of Hawai‘i
University of Hawai‘i at Mānoa
August 15, 2006

OKU, SANDRA
Information Technology
(IT Specialist)
Information Technology Services
University of Hawai‘i, System
August 31, 2006
ORTIZ-ESCOBAR, MARIA E.
Junior Researcher
Tropical Plant & Soil Science
University of Hawai‘i at Mānoa
August 11, 2006

POLSON, LAUREN D.
Instructor
Technologies
Honolulu Community College
September 1, 2006

ROMINE, REBECCA K. P.
Instructional & Student Support
(Student Services Specialist)
Enrollment Services
Kapi‘olani Community College
September 1, 2006

ROSENHEIMER, JULIE LOUISE
Associate Professor
Anatomy, Biochemistry, Physiology &
Reproductive Biology
University of Hawai‘i at Mānoa
August 31, 2006

SANG, DAWN K.
Assistant Specialist
Hawaiian Indo Pacific Language
University of Hawai‘i at Mānoa
July 24, 2006

SCHRADER, MAILE A.
Academic Support
(Educ & Acad Support Specialist)
School of Medicine
University of Hawai‘i at Mānoa
August 31, 2006

SHI, XUEBO
Junior Researcher
Tropical Plant & Soil Science
University of Hawai‘i at Mānoa
August 4, 2006
SHIKUMA, NICHOLAS
Research Support
(Research Associate)
Pacific Biosciences Research Center
University of Hawai‘i at Mānoa
August 31, 2006

SHOMAKER, THOMAS SAMUEL
Interim Dean
School of Medicine
University of Hawai‘i at Mānoa
August 31, 2006

SUGIYAMA, LIONEL S.
Research Support
(Research Associate)
Hawaii County
University of Hawai‘i at Mānoa
September 1, 2006

TACON, ALBERT GEORGE J.
Researcher
Research and Dean of Grad Div
University of Hawai‘i at Mānoa
September 30, 2006

TANABE, BRIAN KIYOSHI
Assistant Professor
Pediatrics
University of Hawai‘i at Mānoa
September 10, 2006

TORIGOE, WENDY
Instructional & Student Support
(Educational Associate)
Curriculum Research & Development Group
University of Hawai‘i at Mānoa
July 31, 2006

TSUBOTA, TINA
Institutional Support
(Administrative and Fiscal Support)
School of Ocean, Earth Science & Tech
University of Hawai‘i at Mānoa
August 11, 2006
VAN DER ZANDER, IRIS
Assistant Specialist
Geology and Geophysics
University of Hawai‘i at Mānoa
September 29, 2006

WOLFE-QUINTERO, KATHRYN
Associate Professor
Second Language Studies
University of Hawai‘i at Mānoa
August 31, 2006

WONG, DEREK D.W.
Academic Support
(Educ & Acad Support Specialist)
Biology
University of Hawai‘i at Mānoa
September 29, 2006

YAMAUCHI, KIMBERLY B.
Institutional Support
(Admin & Fiscal Support Specialist)
University of Hawai‘i at Mānoa
October 13, 2006

Retirements

HEMMES, DON E.
Professor
Biology
University of Hawai‘i at Hilo
July 31, 2006

MACKENZIE, FRED
Professor
Oceanography
University of Hawai‘i at Mānoa
July 31, 2006

NAKASHIMA, JANICE Y.
Instructional & Student Support
(Student Services Specialist)
Student Housing Services
University of Hawai‘i at Mānoa
February 28, 2006
PICKETT, MARY
Academic Support
(Educational Specialist)
Waikiki Aquarium
University of Hawai‘i at Mānoa
May 31, 2006

PRUITT-JOSEPH, LARRY F.
Information, Events & Publications
Theater
University of Hawai‘i at Hilo
July 31, 2006

SMITH, DEAN O.
Researcher
School of Ocean, Earth Science & Tech
University of Hawai‘i at Mānoa
September 30, 2006

WALL, RONALD W.
Specialist
Family & Consumer Sciences
University of Hawai‘i at Mānoa
August 31, 2006

Retirements of Civil Service Employees

HANATANI, JANET E.
Clerk Stenographer II
Chemistry
University of Hawai‘i at Mānoa
October 31, 2006

MITANI, TOMISHIGE
Janitor II
Buildings & Grounds Mgt
University of Hawai‘i at Mānoa
July 31, 2006

TABISOLA, ROBERT R.
Building Maintenance Worker I
Maintenance & Grounds
Kapi‘olani Community College
July 31, 2006
TAKAHASHI, CHARLES T.  
Computer Operator II  
Information Technology Services  
University of Hawai‘i, System  
December 29, 2006

***************

David McClain  
President

PERSONS WITH DISABILITIES WHO MAY NEED AN ACCOMMODATION,  
PLEASE CALL THE BOARD OF REGENTS' OFFICE AT 956-8213