BOARD OF REGENTS’ MEETING

Date: October 20, 2005
Time: 9:30 a.m. (or immediately following the meeting of the State Board for Career and Technical Education)
Place: University of Hawai‘i at Hilo
University Classroom Building (UCB), Room 127
200 West Kawili Street
Hilo, HI 96720-4091

AGENDA

I. Call Meeting to Order

II. Approval of Minutes of the Board of Regents’ September 15-16, 2005 Meeting

III. Recognition of Emeritus Regent John K. Kaim

IV. Presentation by University of Hawai‘i at Hilo

V. Public Comment Period 1:
The public may present testimony on matters on the Board of Regents’ agenda. Written testimonies will also be accepted. Those who wish to address the Board must sign up at the meeting. Individuals who intend to testify are encouraged to inform the Secretary of the Board in advance of the meeting but no later than two (2) days prior to the meeting by calling 956-8213.

VI. Agenda Items, Public Session 2:
1. Award of Honorary Degree to Madam Shen Xiaomei, Master Jingju (Beijing/Peking Opera) Artist and Teacher
2. Approval of Indemnity Provision to Train Vietnamese Physicians in HIV Medical Management and Treatment
3. University of Hawai‘i - Real Property Inventory
4. Designation of the 200-Acre University Parcel for University of Hawai‘i at West O‘ahu
5. Legislative Proposals, 2006 Legislature
6. Establishment of the State of Hawai‘i B Plus Scholarship Program
7. University of Hawai‘i System and Community College Progress Reports for Submission to the Accrediting Commission for Community and Junior Colleges
8. Permanent Status for the Tropical Forest Ecosystem and Agroforestry Management Program at Hawai‘i Community College Conferring the Associate of Science Degree and Certificate of Achievement
9. Proposed Modification of Board of Regents’ Policy, Section 11-4b, Naming of Campus Improvements and Academic Programs
10. Proposed Amendment of the Board of Regents’ Policy, Section 10-1, Land and Physical Facilities, Interest in Land
11. Supplemental Agreement No. 9 to Lease/Contract with the U.S. Air Force for the Haleakalā High Altitude Observatory Site
12. Developer for Hawai‘i Community College Komohana Campus and West Hawai‘i Kona Campus Center Projects

Footnotes:
1 Guidelines: In fairness to all who wish to address the Regents, each speaker should abide by the time allotted. The Board will generally allow up to three minutes per speaker depending on the number of those wishing to testify.
2 The Board will be taking a working lunch at approximately 12:00 noon, reconvene at approximately 1:30 p.m., and recess at approximately 5:30 p.m. Agenda item(s) not completed by approximately 5:30 p.m. on Thursday will be taken up at 9:00 a.m. on Friday, October 21, 2005 at Hawai‘i Community College.
Board of Regents’ Meeting (Continued)

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

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

IX. University of Hawai‘i Foundation Report

X. Report of Executive Officer

XI. New or Other Business
   A. Appointment of Task Groups

XII. Announcement of Next Meeting of the Board
   Date: Thursday, November 17, 2005
   Place: Maui Community College

XIII. Executive Session (if necessary)
   Legal and Personnel Matters will be considered in executive session (Attachment #1)

XIV. Adjournment
MATTERS TO BE DECIDED IN EXECUTIVE SESSION

I. LEGAL MATTERS

A. Update on Negotiations with Developers on UH-Mānoa Student Housing, UH-West O‘ahu, and Cancer Research Center

B. Executive/Managerial Compensation Policy Review

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

II. PERSONNEL ACTIONS RELATED TO THE FOLLOWING POSITIONS:

A. Performance Incentive Award for Interim Vice President for Academic Planning and Policy
B. Performance Incentive Award for Interim Vice President for Research
C. Reassignment of Vice Chancellor for Administration, Finance and Operations, University of Hawai‘i at Mānoa
D. Appointment of Interim Vice Chancellor for Administration, Finance and Operations, University of Hawai‘i at Mānoa
E. Promotion Application of Specialist, University of Hawai‘i at Mānoa
F. Reappointment of Interim Vice Chancellor for Administrative Affairs, University of Hawai‘i at Hilo
G. Appointment of Vice Chancellor, Hawai‘i Community College
H. Executive/Managerial Compensation Adjustments
I. Honorary Degree
J. 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 August 1, 2005 through August 31, 2005 total $40,678,794. The University of Hawai’i at Hilo received a total of $4,580,501 during the same period.

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Cooperative State Research Service $70,098
   "Detection of Ralstonia Solanacearum and Development of Cultural Practices to Reduce Establishment of Bacterial Wilt Disease in Hawaii"
   Alvarez, Anne M Plant & Environmental
   We will develop improved detection methods for the invasive bacterial species, Ralstonia solanacearum, and will study the risk this pathogen poses to local and mainland U.S. agriculture. Additionally, we will develop cultural and organic farming methods to reduce damage caused by this pathogen once it is introduced into a new area.

2. DA-Cooperative State Research Service $93,212
   "Genetic Transformation of Sugarcane Chloroplasts to Improve Expression and Containment of Genes Encoding Human Vaccines"
   Christopher, David A Molecular Biosci & Biosyst
   This research will allow the production of safe and stable human vaccines in plants to fight infant dysentery.

3. DA-Cooperative State Research Service $93,712
   "Characterization and Cloning of Pathogen-Inducible Genes and Promoters to Improve Resistance of Papaya to Fungal Disease"
   Christopher, David A Molecular Biosci & Biosyst
   This research will increase resistance of papaya to fungal disease, leading to lower production costs and fungicide use and improved fruit yield and quality.

4. DA-Cooperative State Research Service $73,176
   "Rhabditid Nematodes and Antagonists in Suppression of Plant-Parasitic Nematodes"
   Fallon, Declan Plant & Environmental
   Use of native soil flora and fauna to control plant-parasitic nematodes. Research will identify beneficial relationships between antagonists for the suppression of nematode pest species.
5. DA-Cooperative State Research Service
"Determining the Impacts of Water Pumping and Alien Species Invasion on Stream Flow for a Sustainable Water Resource Management in Makaha Valley,
Fares, Ali Natural Resources &
This research will use Makaha Valley as a test case to develop an integrated decision support system at the watershed continuum by combing multi-scale field experiments with a strong numerical modeling and geospatial component to help understand hydrological processes under different land uses, i.e. invasive species and variable weather conditions.

6. DA-Cooperative State Research Service
"Field and Numerical Evaluation of Best Management Practices to Protect Water Resources in the Hanalei Watershed"
Fares, Ali Natural Resources &
This research intends to develop best management practices to protect surface and groundwater quality in the Hanalei watershed based on a combination of short-term field research and long-term performance using numerical modeling.

7. DA-Cooperative State Research Service
"Effects for Viral Suppressors of RNA Silencing in Sugarcane"
Hu, John Plant & Environmental
Build the scientific base to enable possible utilization of viral suppressors of gene silencing in "biofactory" sugarcane: Produce and analyze sugarcane expressing viral suppressors. Study host genes involved by confirming the interactions between sugarcane proteins and one of the suppressors. Adapt a new method for transient expression in sugarcane.

8. DA-Cooperative State Research Service
"An Integrated Approach for the Quality of Improvement of Guava Puree and Kava Beverage by a Non-Thermal Dense Phase Carbon Dioxide
Huang, Alvin S Human Nutrition, Food &
Improve the taste quality and shelf life duration of guava puree and kava beverages with a newly developed cold pasteurization method, the dense-phase carbon dioxide processing.

9. DA-Cooperative State Research Service
"Toward Organic Farming: Using Animal and Green Manures, and Manure-based Composts to Improve Soil Quality and Crop Productivity"
Hue, Nguyen V Tropical Plant & Soil
To study processes occurring during the conversion of conventional to organic farming. To quantify effects of organic amendments to soil quality. To make recommendations on organic application rates for optimal crop production in Hawaii.

10 DA-Cooperative State Research Service
"Natural Enemies of Invasive Tephritid Fruit Flies: Evaluation of New Candidate Species"
Messing, Russell H Plant & Environmental
Dr. Messing will conduct studies on parasitoids of tephritid fruit flies and will test the ability of new parasitoids to attack target and non-target hosts.
11 DA-Cooperative State Research Service
"Increasing Sustainability of Tropical Pastures Through Selection of Legumes Tolerant to Drought
Miyasaka, Susan C Tropical Plant & Soil
Three specific objectives are to: a) survey existing ranches in Hawaii for legume cover; b) conduct pot studies to evaluate the germplasm of drought-tolerant forage peanut and barrel medic for tolerance to acidity; and c) conduct genetic analysis of barrel medic for genes involved in response to excess aluminum.

12 DA-Cooperative State Research Service
"Resistance of Papaya Cultivars to Enterobacter Cloacae: Significance to Food Quality of Value-Added Products"
Nishijima, Wayne T Plant & Environmental
Enterobacter cloacae causes internal yellowing of papaya and is a cause of rejection for fresh fruit preparations; the disease cannot be determined without cutting fruits open. This project will examine the genetic control of resistance among the commercial cultivars.

13 DA-Cooperative State Research Service
"Molecular Characterization of Disease Resistance Loci to Phytophthora in Carica Papaya"
Nishijima, Wayne T Plant & Environmental
Phytophthora is a limiting factor in papaya production during rainy periods. Gene mapping techniques will be utilized to identify genes for resistance to papaya in order to assist and facilitate breeding for resistance in papayas.

14 DA-Cooperative State Research Service
"Varietal Variation in Papaya Fruit Softening and its Inheritance"
Paull, Robert E Tropical Plant & Soil
Slow ripening papaya lines will be studied to determine how many genes are involved in control this trait. Molecular markers will be isolated that can be used to isolate the gene involved in this trait.

15 DA-Cooperative State Research Service
"Papaya BAC End Sequencing"
Presting, Gernot Molecular Biosciences &
The ends of 40,000 papaya bacterial artificial chromosomes will be sequenced. This will provide a first glimpse into the make up of the papaya genome and enable whole-genome sequencing of

16 DA-Cooperative State Research Service
"Tropical and Subtropical Agricultural Research (T-STAR) for Hawaii: Management 2005"
Vincent, Douglas L Administration - CTAHR
This grant to the UH-CTAHR provides the resources necessary to effectively manage and coordinate the Pacific Basin Administrative Group, the Pacific part of the CSREES Special Grant entitled, "Tropical and Subtropical Agricultural Research (TSTAR) Special Grants Program".
<table>
<thead>
<tr>
<th>Project ID</th>
<th>Agency</th>
<th>Description</th>
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<th>Focus Area</th>
<th>Budget</th>
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<tr>
<td>17</td>
<td>DA</td>
<td>&quot;Hawaii Agricultural Diversification 2005 - New Crop/Product Development and Marketing&quot;</td>
<td>Vincent, Douglas L</td>
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<td>&quot;Tropical and Subtropical Agricultural Research (TSTAR) Umbrella A - 2005&quot;</td>
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<td>19</td>
<td>DA</td>
<td>&quot;Area-Wide Pest Management Tephritid Flies that Infest Hawaii-Grown Fruits and Vegetables&quot;</td>
<td>Mau, Ronald</td>
<td>Plant &amp; Environmental</td>
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<td>20</td>
<td>DA</td>
<td>&quot;Sharing Values: Coastal Management in Wa'ab, Yap State, Federated States of Micronesia&quot;</td>
<td>Ridgley, Mark A</td>
<td>Geography</td>
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<td>21</td>
<td>DA</td>
<td>&quot;Diabetes Detection and Prevention Project&quot;</td>
<td>Zee, Julia M</td>
<td>Coll, Trop Ag &amp; Human Res</td>
<td>$100,000</td>
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FROM: DHHS-Dept of Health & Human Services

1. National Institutes of Health
   "Mechanism of Selenoprotein Synthesis in Berry, Marla J | Cell & Molecular Biology |
   Investigation of the mechanism by which selenium is incorporated into selenoproteins. | $288,275 |
2. National Institutes of Health
"Pacific Research Center for Early Human
Ward, Kenneth School of Medicine
1) further augment and strengthen research capacity, 2) mentor junior investigators as they conduct meritorious preliminary research leading to successful competition for R- and P- series grants, 3) attract other investigators to complement the specific research area of early human development, and 4) contribute to reduction and elimination of health disparities.

3. NIH-Nat'l Cancer Institute (NCI) 
"The TGFbeta Pathway, Gene Variants and Colorectal Neoplasia"
Le Marchand, Loic Cancer Research Center
To examine associations between genetic variants of the TGFbeta1 signaling pathway in two completed studies of colorectal adenoma and colorectal cancer.

4. NIH-Nat'l Cancer Institute (NCI) 
"Regulation of Tumor Promotion by RasGRP1"
Lorenzo, Patricia S Cancer Research Center
Investigate the role of a novel phorbol ester receptor and Ras activator on the tumor promoting activity of phorbol esters in skin.

5. NIH-Nat'l Cancer Institute (NCI) 
"Cancer Research Center of Hawaii"
Vogel, Carl-Wilhelm Cancer Research Center
Cancer Research Center of Hawaii support grant.

6. NIH-Nat'l Center for Research Resources 
"Selective Research Excellence in Biomedicine and Health"
Shomaker, Sam Pacific Biomed Rsrch Cntr
To improve the infrastructure for research in biomedicine and health at UHM by developing a new research programs in molecular pharmacology, immunogenetic diseases, pathobiology of HIV-associated disorders, developing an HIV immunology and vaccine core, and supporting core facilities for molecular biology, computer network support and biostatistics and data management.

7. NIH-Nat'l Inst of Diabetes, Digestive, Kidney 
"Selenoprotein P Function and Regulation of
Berry, Marla J Cell & Molecular Biology
Studies include investigation of the functions of selenoprotein P in protecting neuronal cells from oxidative damage and investigating the efficiency of selenocysteine incorporation into selenoprotein P.

8. NIH-Nat'l Inst of Mental Health (NIMH) 
"Brain Activation in Patients with Early HIV Dementia"
Chang, Linda School of Medicine
To determine the effects of aging and HIV infection, and their interaction, on brain chemistry and function, using advanced MRI techniques.

9. NIH-Nat'l Inst of Mental Health (NIMH) 
"Macrophages, HAART, and HIV Dementia in Valcour, Victor G Geriatrics-MED
To study patients in Thailand with and without HIV related dementia as they begin taking their Highly Active Antiretroviral Therapy (HAART).
10 NIH-Nat'1 Inst of Neurological Disorders &  
"Development of Gene Transfer Approaches for  
NeuroAIDS"
Lu, Yuanan  Pacific Biosciences  
To test different viral vectors for their transduction of primary  
cultures of monocyte-derived macrophages and then characterize  
these cultures for anti-HIV replication and immunoactivation.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric  
"Sea Grant College Program Institutional Program"  
Grau, E Gordon  Sea Grant - SOEST  
To promote an innovative and effectively managed program of  
research, education, and extension services directed to the  
improved understanding, management, and wise use of marine  
resources of the state, region, and nation.

2. DOC-National Oceanic & Atmospheric  
"Mechanisms of Atmospheric Mercury in Transport  
and Transformation the Remote Pacific Marine Free  
Troposphere Measured in Hawaii"  
Schroeder, Thomas A  JIMAR - SOEST  
A data set will be assembled that will include the atmospheric  
measurements currently being conducted at Mauna Loa  
Observatory and the mercury measurements.

3. DOC-National Oceanic & Atmospheric  
"Coral Reef Research Grants Program for Hawaii and  
the Western Pacific"  
Wiltshire, John C  HURL - SOEST  
The NOAA Coral Reef Conservation Grant Program is providing  
funds to the Hawaii Undersea Research Laboratory to administer a  
competitive coral reef research grants program for Hawaii and the  
Western Pacific. In addition, NOAA Fisheries is providing funds to  
survey Essential Fish Habitat in waters surrounding Hawaii.

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

2. DOD-Dept of Air Force  
"Operations and Management of the Maui  
Supercomputing Center"  
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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

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

5. DOD-Dept of Army
"Rare Snail Captive Propagation"
Duffy, David Botany
Propagate and conduct genetic research on rare native snails.

6. DOD-Dept of Army
"Crossed Molecular Beams Investigations on the Dynamics and Energetics of Elementary Boron Reactions with Unsaturated Hydrocarbons"
Kaiser, Ralf I Chemistry
Investigating elementary processes to optimize boron-based combustion processes.

7. 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.

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 Navy
"ASDS Infrared Imaging Support, Phase I"
Ritter, Joseph M. Institute for Astronomy
To provide assistance in the development of an IR sensor system that will enhance ISR Capability. Contractor to provide engineering, test and documentation support along with some hardware.

10. DOD-Dept of Navy
"Detection Methods of Counter Improvised Explosive Devices (C-IED)"
Syrmos, Vassilis L Vice Chancellor Research
This project addresses detection methods for counter improvised explosive devices. The proposed research is focused in three major technologies. In particular, a) detection of explosives with Stand-off Raman Spectroscopy, b) detection of buried objects via measurements of Telluric Current Gradients and c) High Powered Miniature Lasers for IED Characterization.
11. DOD-Naval Research Laboratory $40,000
"Analyses of Newly Developed Marine Coating in the Laboratory and at the Pearl Harbor Test Site for the Center for Nanoscale Science and Engineering…"
Hadfield, Michael G Pacific Biomed Rsrch Cntr
Field testing developing marine coatings from the Center for Nanoscale Science and Engineering at North Dakota State University.

FROM: DOE-Dept of Energy

1. DOE-Dept of Energy $109,431
"Defining the Blue Light Signaling Pathways Regulating Photosynthetic Gene Expression in Plant"  
Christopher, David A Molecular Biosciences &
To characterize the processes that allow plants to sense and respond to blue light and convert it into chemically useful energy, such as carbohydrates and proteins.

2. DOE-Dept of Energy $30,000
"Research in High Energy Physics"  
Olsen, Stephen L Physics & Astronomy
The primary purpose of this research is the understanding of the properties of the elementary constituents of matter and the nature of this fundamental forces between them.

FROM: DOI-Dept of Interior

1. DOI-Fish & Wildlife $22,492
"Optimal Public Control of Exotic Species: Preventing the Brown Tree Snake from Invading Hawaii"
Roumasset, James A Social Science Rsrch Inst
The objective of this project is to construct a model of introduction of an invasive species and to determine optimal prevention and control strategies. We examine the case of the Brown Tree Snake, a potential threat to Hawaii that could cause economic damages including loss of biodiversity, power outages from snake-power line interactions, and health concerns.

2. DOI-Geological Survey $148,021
"Coastal Groundwater Management in the Presence of Positive Stock Externalities"  
Duarte, Ka'eo Water Resource Research
To provide a methodology for maximizing the value of groundwater, where the stock of groundwater affects the health of nearshore ecosystems.

3. DOI-Geological Survey $150,000
"PBIN: Spatial Data and Mapping (Hawaii Natural Heritage Program)"
Gibson, Barbara Pacific Biosciences
Continued expansion of the ArcIMS web site. Continued collaboration with PBIN on the following four segments - 1. PBIN Web Site Content, 2. Web Site Application Development, 3. Data Integration and interoperability and, 4. Outreach Technical Assistance.
4. DOI-Nat'l Park Service
"Curating Collections at Kalaupapa: Phase 5"
Duffy, David  Botany
This phase will continue to focus on cataloging backlog collections (75,000 +) of archeological and cultural material from Kalaupapa National Historic Park.

FROM: ED-Dept of Education

1. ED-Dept of Education $177,502
"Ku'i Ka Lono: Creation and Development of Hawaiian Language News Related Curriculum"
Solis, Ron  College of Lang, Ling, & Lit
Create and develop Hawaiian language curricula.

2. ED-Dept of Education $180,000
"Field Initiated Research on Cultural and Linguistic Diversity and Transition Success"
Stodden, Robert A  Center on Disability Studies
Creation of innovative use of consumer driven participations action to conduct four research activities: literature search; national survey; focus groups & case studies.

FROM: National Science Foundation

1. National Science Foundation $201,181
"Designing Large-Scale Distributed Systems for Realistic Failure Models"
Casanova, Henri  Info & Computer Science
In this work we will develop better failure models for large-scale distributed computing systems. We will collect and analyze empirical failure data, develop novel failure models, and investigate how these failure models can be used to engineer systems with better dependability, availability, or performance.

2. National Science Foundation $9,485
"High Performance Adaptive Optics for Astronomy in the Southern Hemisphere"
Ftaclas, Christ  Institute for Astronomy
Planning and executing the various experiments in order to demonstrate established concepts. Sarah Cook (REU candidate) will work on understanding the material properties and how they interact with our components.

3. National Science Foundation $151,420
"Hydrology of Tropical Montane Cloud Forest in Hawaii"
Giambelluca, Thomas W  Geography
The proposed project is a study of evapotranspiration and fog drip in tropical montane forest in Hawaii. The research will focus on field measurements at native forest and invasive species sites within the fog zone near Volcano, Hawaii Island.
4. National Science Foundation
"Collaborative Research: Detailed Analysis of High-Resolution Morphological Data and Water-Column Hydrothermal Measurements Along Hey, Richard N Haw Inst Geophys & Planet
This proposal will support the detailed analysis of coincident seafloor imagery (sidescan, high-resolution bethmetry, still camera/video data) and hydrothermal measurements of the water column (conductivity, temperature, optical backscatter and in situ chemistry) that have been collected along a 600 km section of the superfast spreading southern East Pacific Rise.

5. National Science Foundation
"DRU: Tsunami Hazards: Social Cognitive Modeling of Preparedness and Effectiveness of Warnings"
Houghton, Bruce Geology & Geophys - A study of awareness and preparedness for tsunami hazards in the United States.

6. National Science Foundation
"Collaborative Research: Plankton Community Structure and Iron Distribution in the Southern Drake Measures, Christopher Oceanography - SOEST
Study Plankton Community Structure and Iron Distribution in the Southern Drake Passage.

7. National Science Foundation
"Collaborative Research: The Marine Os Isotope Record of Extreme Cenozoic Climates"
Ravizza, Gregory E Geology & Geophys - Here we propose to conduct high temporal resolution studies of the marine Os isotope record of episodes of unusual warmth and abrupt cooling/ice growth. The purpose of this investigation is to further develop the marine Os isotope record as a paleo-weathering proxy and to exploit this record as a chemostratigraphic tool for refining age models of deep sea

8. National Science Foundation
"Collaborative Research on Climatic Effects of the 1783-1784 Laki Volcanic Eruption"
Thordarson, Thorvaldur Geology & Geophys - Study the climatic effects of the 1783-84 Laki eruption.

9. National Science Foundation
"A Novel Technique for Corrective Scatter Compensating Telescope Secondary Mirrors"
Tollestrup, Eric Institute for Astronomy Project will use state of the art techniques in computer controlled polishing and ion beam milling to manufacture a corrective or scatter compensating secondary mirror that will transform the National Aeronautics and Space Administration Infrared Telescope Facility into a telescope for high dynamic imaging.
10 National Science Foundation $156,907
"Dynamics of the Boreal Summer Intraseasonal Oscillation"
Wang, Bin Meteorology - SOEST
This proposal is to understand the intraseasonal variability of atmospheric ocean system in the tropical Indian Ocean and Western Pacific and predictability of the intraseasonal oscillation.

11 National Science Foundation $76,049
"Deciphering Climate Archives: Establishing the Inorganic Basis of an Isotope Fractionation phenomenon in Biogenic CaCO3"
Zeebe, Richard Oceanography - SOEST
Determining the origin of a phenomenon observed in biologically produced calcium carbonate through laboratory experiments and theoretical modeling. Because biological carbonates are used for paleoclimate reconstructions, this will significantly improve understanding of Earth's climate in the past.

FROM: Nat'l Aeronautics & Space Administration
1. Nat'l Aeronautics & Space Administration $73,079
"Emplacement of Lavas at Major Martian Edifices: Roles of Constructional and Erosional Lava Channels, and Implications for Magma Supply and Volcano..."
Fagents, Sarah Haw Inst Geophys & Planet
Analysis of spacecraft data, together with computational fluid dynamic modeling to determine eruption conditions for erosional and constructional lava channels and implications for magma supply and volcanic plumbing. Compare and contrast different martian volcanoes to assess variations in volcano histories.

2. Nat'l Aeronautics & Space Administration $51,200
"Characterization of Total Noise vs. Temperature Stability for JWST NIRSpec Sensor Chip Assembly"
Hall, Donald N B Institute for Astronomy
Using a sensor chip assembly provided by the James Webb Space Telescope Near Infrared Spectograph Detector Subsystem team, the University of Hawaii shall measure Total Noise as a function of temperature stability during long, sampled-up-the-ramp

3. Nat'l Aeronautics & Space Administration $46,884
"Quasi-Biennial Oscillation Modulation of Eddies in the Tropical Stratosphere"
Hamilton, Kevin Meteorology - SOEST
Analyze output from computer models of the global atmospheric circulation.

4. Nat'l Aeronautics & Space Administration $65,000
"Laboratory Investigations of Minerals and Mineral Mixtures in the Near and Thermal Infrared"
Hamilton, Victoria Haw Inst Geophys & Planet
Investigation of spectroscopic properties of minerals and mineral mixtures for application to Mars remote sensing.
5. Nat'l Aeronautics & Space Administration
"Remote Sensing and Geologic Studies of Planetary Crusts"
Hawke, Bernard R Haw Inst Geophys & Planet
We propose to use a variety of remote sensing data to investigate the composition and evolution of the Moon and Mercury.

6. Nat'l Aeronautics & Space Administration
"X Comae X-rays the Stickman's Legs"
Henry, J Patrick Institute for Astronomy
The existence of a warm-hot intergalactic medium (WHIM) can solve two puzzles: Why galaxy clusters do not follow classical scaling relations and Where are the local baryons observed at high z. Our XMM observations of the outskirts of the Coma cluster detect the WHIM viewed along a filament.

7. Nat'l Aeronautics & Space Administration
"Empirical Radiative Transfer Corrections for Deterministic Coral Reef Remote Sensing"
Hochberg, Eric Haw Inst Marine
This project will develop methods for water column radiative transfer corrections in coral reef remote sensing imagery, with the goal of enabling deterministic remote sensing of these

8. Nat'l Aeronautics & Space Administration
"Optical, Chemical, and Physical Properties of Black and Brown Carbon Aerosols in Southeast Asian Smoke Plumes"
Huebert, Barry J Oceanography - SOEST
We are proposing to develop methods for separating black carbon (soot) from charred, tarry materials that come from smoldering biomass burning fires in Thailand. We will analyze the mass of each type of carbon and measure their absorbance for use in satellite data interpretation.

9. Nat'l Aeronautics & Space Administration
"Acquisition and Upgrading of a Cameca Ims 1280 Ion Microprobe for the Study of Stardust Samples and Other Extra-terrestrial Materials"
Huss, Gary Haw Inst Geophys & Planet
This project investigates various components of primitive meteorites, including chondrules, Ca-Al-rich inclusions, and presolar grains, to learn about the raw materials, processes, and timing of events in the early solar system. We will also develop techniques to handle comet samples returned by the Stardust

10 Nat'l Aeronautics & Space Administration
"Acquisition and Upgrading of a Cameca Ims 1280 Ion Microprobe for the Study of Stardust Samples and Other Extra-terrestrial Materials"
Huss, Gary Haw Inst Geophys & Planet
This project investigates various components of primitive meteorites, including chondrules, Ca-Al-rich inclusions, and presolar grains, to learn about the raw materials, processes, and timing of events in the early solar system. We will also develop techniques to handle comet samples returned by the Stardust
11 Nat'l Aeronautics & Space Administration
"The NASA Infrared Telescope Facility: Solar System Observations and Mission Support"
Kudritzki, Rolf-Peter Institute for Astronomy
Conduct research and mission support for NASA space missions using the NASA Infrared Telescope on Mauna Kea.

12 Nat'l Aeronautics & Space Administration
"Multi-sensor Translation of EOS Reflectance and Vegetation Index Products for Long Term Continuity with AVHRR: EOS Science Proposal"
Miura, Tomoaki Natural Resources &
In this work, we propose to derive multi-sensor translation equations that will guarantee continuity/compatibility of satellite data products across sensors. The proposed work will significantly contribute to ecosystem variability and response by "linking" global environmental sensors for the establishment of a long term

FROM: Nat'l Endowment for the Humanities

1. Nat'l Endowment for the Humanities
"An Integrative Historical and Archaeological Study of the Rise to Leadership of Kamehameha the Great,
Graves, Michael W Anthropology
We use oral traditions, documents, and archaeological remains to study the rise to power in the late 18th century Hawaii of Kamehameha. Four factors--personal traits, human/natural resource management, and socio-political context were critical. Questions prompted by these factors will be answered and integrated into a comprehensive account of his unification of the islands.

FROM: Hawaii- Government Agencies

1. DOH-Alcohol & Drug Abuse Division
"Services to Evaluate and Monitor Substance Abuse Service Outcomes and Process Evaluation Activities of the Alcohol and Drug Abuse Division Funded…"
Yuen, Sylvia H L Center on the Family
Evaluate and monitor substance abuse outcomes and process evaluation activities of the Hawaii Department of Health, Division of Alcohol and Drug Abuse funded activities.

2. Hawaii-Dept of Defense
"Ecosystem Management Program: HIARNG 05 Supplement"
Duffy, David Botany
Supplement current funds for project.

3. Hawaii-Dept of Health
"Public Health and Response for Bioterrorism"
Gubler, Duane Trop Med - Med Micro-
To provide molecular biology and laboratory diagnostic expertise for selected infectious diseases to accelerate the development of Bioterrorism Response Laboratory for the State of Hawai'i.
4. Hawaii-Dept of Land & Natural Resources
"Detection and Control of Invasive Species on the Island of Hawaii"
Duffy, David Botany
Continued support for Big Island Invasive Species Committee.

5. Hawaii-Dept of Land & Natural Resources
"Kauai Alien Pest Plant Response Effort"
Duffy, David Botany
Continued support for the Kauai Invasive Species Committee.

6. Hawaii-Dept of Land & Natural Resources
"Detection and Control of Invasive Species on Maui"
Duffy, David Botany
Support the Maui Invasive Species Cmmt efforts to contain alien species that are damaging native ecosystems on the island of Maui.

7. Hawaii-Dept of Land & Natural Resources
"Aquatic Invasive Species Research and Monitoring on the Island of Hawaii"
Duffy, David Botany
This project will conduct research on aquatic invasive species on the Island of Hawaii and develop monitoring protocols to assist the Division of Aquatic Resources of DLNR.

8. Hawaii-Dept of Land & Natural Resources
"Detection and Control of Invasive Species on Oahu"
Duffy, David Botany
Support the Oahu Invasive Species Committee efforts to contain alien species that are damaging native ecosystems on the island of Oahu.

9. Hawaii-Dept of Land & Natural Resources
"Conduct Fine Scale Habitat Characterizations and Reef Fish Monitoring for Selected Marine Protected Areas in the Main Hawaiian Islands"
Jokiel, Paul L Haw Inst Marine
This project will study the effect of Marine Life Protected Areas (MPAs) by comparing the numbers, types and sizes of fish found inside of MPAs and outside of MPAs in similar habitats.

10. Hawaii-Dept of Land & Natural Resources
"Evaluating Biological Control of Cldemiae Hirta with Colletotrichum f.sp. Clidemiae in State Forest Reserves on the Island of Hawaii"
Trujillo, Eduardo E Plant & Environmental
Weekly production of inoculum of colletotrichum gloesporioides f. sp clidemiae. Fungus used for inoculation of clidemia at selected sites in Forests of Hawaii.
FROM: Hawaii- Associations, Foundations, Societies, etc.

1. HCF-Geist Foundation $45,000
   "Methylation Assay of Imprinted Genes in Single Cloned Blastocyst"
   Yamazaki, Yukiko School of Medicine
   In this project, our purpose is to establish an assay system to identify methylation status of several imprinted genes in individual blastocysts. Using this system, we will compare the methylation imprints in cloned blastocysts derived from various donor cells.

2. HCF-Leahi Trust $60,000
   "Neutrophil Dysfunction and Ciliary Ultrastructural Defects in Pacific Islanders with Recurrent Pulmonary Infections"
   Kyono, Wade School of Medicine
   We propose to examine both neutrophil motile function and nasal ciliary structure by electron microscopy in Pacific Islanders with recurrent pulmonary infections and their families to test the hypothesis that defects in innate immunity and mucociliary clearance as associated with recurrent pneumonias and bronchiectasis in Pacific Islanders.

FROM: Hawaii- Business and Other

1. Oceanic Institute-Ctr for Trop & Subtrop $34,850
   "Feasibility Analysis of Shrimp Waste Processing Alternatives"
   Jenkins, Daniel Molecular Biosciences & Miniature sensors will be fabricated for improved response time, sensitivity, and reduced sample requirements. These will be integrated into systems to measure lactate and histidine decarboxylase to demonstrate the usefulness of the sensor class to a variety of applications.

2. Oceanic Institute-Ctr for Trop & Subtrop $56,416
   "Disease Management in Pacific Aquaculture - Year Lewis, Teresa Haw Inst Marine
   This is a continuation of work funded for Disease Management in Pacific aquaculture to continue to develop a vaccine strategy for a ciliated parasite that affects marine fishes. Additional work includes the establishment of fish cell lines from a variety of aquacultured fishes and identification of a bacterial agent that is causing disease in cultured Chinese catfish. Another component of the project is to provide disease management training workshops to local aquaculturists.

3. Pipeline Communications and Technology $77,518
   "Self-Steering, Null-Beam Antenna Arrays for Mobile Military Communications and Missile Defense"
   Miyamoto, Ryan Electrical Engineering
   Develop a novel antenna and circuit for defense applications.
FROM: Mainland- Associations, Foundation, Soc, etc.

1. Casey Foundation (Annie E Casey) $40,000
   "Assessing the Needs of Homeless Families and Children in Hawaii"
   Yuen, Sylvia H L Center on the Family
   Hawaii KIDS COUNT proposes to examine and raise awareness about the extent and causes of homelessness in Hawaii, and more specifically, the needs of and problems facing homeless children and their families. We will accomplish this by analyzing new state and county level data, preparing research briefs, and developing social indicators, and engaging in advocacy efforts.

2. MacArthur Foundation $485,000
   "Information Management and Decision Support for Evidence-Based Practice"
   Chorpita, Bruce F Psychology
   To develop information system supports for an ongoing multi-site treatment study.

3. NSABP Foundation Inc $42,000
   "Prevention Master Purchased Services Agreement - Amendment #6 to PIND-HAW-01"
   Furumoto, Nancy L Cancer Research Center
   Cancer patients are referred to the study and will have their medical records reviewed by a Clinical Research Associate (CRA), who will review eligibility criteria, assist with the informed consent process, register patients, monitor treatment and patients' health status and submit completed data forms to sponsor.

4. Universities Space Research Association $42,500
   "A Model of Options and Costs for Reliable Autonomy"
   Port, Daniel N Info Technology Mgmt
   Risk is an important consideration in space flight, especially manned space flight. In this project, we will build a model of risk for autonomy software.

FROM: Mainland- Business

1. Corning Inc. $60,000
   "Dryer Modeling and Understanding and Optimization"
   Iskander, Magdy F HCAC (HI Ctr for Advanced Conduct RF and microwave simulations to design the best RF drying system for the 30% graphite composition Honeycombs ceramic ware. Research will also include materials properties measurements, and the design of a new stray field dryer.

2. Rockwell Scientific Company LLC $45,000
   "JWST NIRCam Focal Plane Array Testing"
   Hall, Donald N B Institute for Astronomy
   The University of Hawaii Institute for Astronomy shall provide ultra low background test services in support of Rockwell Scientific's delivery of focal plane arrays to the University of Arizona for the James Webb Space Telescope Near Infrared Camera.
FROM: Mainland- Other

1. Black and Veatch $10,000
   "MECO IRP-3: Banagrass Production and Cost Study"
   Kinoshita, Charles M Coll, Trop Ag & Human Res
   Replicate previous integrated resource plan banagrass production
description and cost study, revised to reflect current technology
and inflation for the site Waena, Maui.

2. CELT Development Corporation $84,246
   "Feasibility Study for a Mid-IR High Resolution Echelle
   Spectrograph for the Thirty Meter Telescope Project"
   Tokunaga, Alan Institute for Astronomy
   We propose to study the feasibility of constructing a high spectral
   resolution instrument for the Thirty-Meter Telescope project. This
   instrument will work at wavelengths of 8-25 microns and have a
   resolving power of 100,000. The scientific rationale for this
   instrument will also be developed.

3. Nature Conservancy (The) $75,518
   "East Maui Watershed Protection"
   Duffy, David Botany
   Assist the East Maui Watershed in protection of its watershed by
   construction of an ungulate-proof fence to protect against
   destruction of native vegetation by alien animals, with subsequent
   monitoring of the effectiveness of the measure.

4. Space Telescope Science Institute $168,985
   "The Assembly of a Massive Galaxy Cluster: The 4/h
   Mpc Filament Feeding MACSJ0717.5+3745"
   Ebeling, Harald Institute for Astronomy
   We shall use Hubble's ACS camera to image a 9x18 square
   arcmin region centered on the large-scale filament along which
   matter is funneled onto the massive galaxy cluster MACSJ0171.
   This observation will allow an in depth study of the physics of
   galaxy evolution and cluster growth as a function of environment.

5. Space Telescope Science Institute $20,000
   "The Gas Environment of Comet 9P/Tempel 1 During
   the Deep Impact Encounter"
   Meech, Karen J Institute for Astronomy
   We will assist with the analysis of the ACS/HRC imaging of the
   Deep Impact target comet 9P/Tempel 1 after the pre-encounter
   images are obtained in mid-June (program 10144). The analysis
   and interpretation of these images in combination with an analysis
   of ground-based data in hand will allow us to optimize the Deep
   Impact HST encounter program (ID 10456).

FROM: U.S. Universities and Colleges

1. Northeastern University $60,000
   "Cannabinergic Ligands and Drugs"
   Tius, Marcus A Chemistry
   Synthesis of three dimensional organic compounds to determine
   binding properties.

2. Univ of Maryland $25,000
   "Asteroid Subnode of the Small Bodies Node of the
   Planetary Data System"
   Tholen, David J Institute for Astronomy
   Development and support of data sets for the Asteroid Subnode of
   the Small Bodies Node of the Planetary Data System.
3. Univ of Southern California  $308,212
"Breast & Prostate Cancer & Hormone-related Gene Variants"
Kolonel, Laurence N Cancer Research Center
The major goal of this project, which is part of the "Cohort Consortium", is to allow for large-scale analyses of breast and prostate cancer risk in relation to genetic polymorphisms and gene-environment interactions that affect hormone metabolism.

4. Univ of Texas-San Antonio  $270,700
"Germline-Specific Reprogramming in Cloned Mice"
Yanagimachi, Ryuzo Anatomy- MED
The use of cloning to study developmental progression of germ

NON-RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Natural Resources Conservation Service  $56,507
"Conservation System Guides for Pacific Basin Beginning and Limited Resource Farmers and
Evensen, Carl I Natural Resources &
Produce five (5) multimedia training modules (narrated PowerPoint presentations on CD) five commonly used Pacific Basin Conservation System Guides (CSGs) and develop 15 simple fact sheets to describe the CSG-related conservation practices.

2. DA-Natural Resources Conservation Service  $45,000
"Coordination of and Technical Support for Hawaii's Local Action Strategy to Address Land-based Pollution to Coral Reefs"
Evensen, Carl I Natural Resources &
The University of Hawaii's Cooperative Extension program 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.

FROM: DHHS-Dept of Health & Human Services

1. DHHS-Dept of Health & Human Services  $25,717
"AHEC Nursing Faculty"
Johnson, Nancy K Maui CC
Increase enrollment in Practical Nursing Program.

2. National Institutes of Health  $5,940
"Pacific Region Diabetes Education (PRIDE) Program"
Chang, Healani K Pacific Biosciences
Short-term research education for minority students to encourage them to pursue research careers in the areas of Diabetes, Nutrition, Obesity, Kidney Diseases or other metabolic disorders.

3. National Institutes of Health  $43,200
"Pacific Region Diabetes Education Program"
Chang, Healani K Pacific Biomed Rsrch Cntr
Short-term research education for minority students to encourage them to pursue research careers in the areas of Diabetes, Nutrition, Obesity, Kidney Diseases or other metabolic disorders.
<table>
<thead>
<tr>
<th>Grantor</th>
<th>Program Title</th>
<th>Approver</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Institutes of Health</td>
<td>&quot;PhD in Clinical Research&quot;</td>
<td>Harrigan, Rosanne</td>
<td>$161,370</td>
</tr>
<tr>
<td>National Institutes of Health</td>
<td>&quot;EMT: A Functional and Phylogenetic Approach - NASA - C. Magie&quot;</td>
<td>Martindale, Mark Q</td>
<td>$43,976</td>
</tr>
<tr>
<td>NIH-Nat'l Cancer Institute (NCI)</td>
<td>&quot;Culturally Proficient Smoking and Weight Control Treatment&quot;</td>
<td>Sanchez-Johnsen, Lisa</td>
<td>$152,518</td>
</tr>
<tr>
<td>NIH-Nat'l Center for Research Resources</td>
<td>&quot;Hawaii Science Training and Education Project (HISTEP)&quot;</td>
<td>Withy, Kelley</td>
<td>$318,816</td>
</tr>
<tr>
<td>NIH-Nat'l Heart, Lung &amp; Blood Institute</td>
<td>&quot;University of Hawaii Research Scientist Award in Molecular Cardiology&quot;</td>
<td>Easa, David</td>
<td>$63,750</td>
</tr>
<tr>
<td>PHS-Health Resources and Services Admin</td>
<td>&quot;Pacific Association for Clinical Training: A Comprehensive Plan for the Delivery of Continuing Clinical Education in the Pacific&quot;</td>
<td>Palafox, Neal A</td>
<td>$385,179</td>
</tr>
<tr>
<td>PHS-Health Resources and Services Admin</td>
<td>&quot;Native Hawaiian Center of Excellence&quot;</td>
<td>Young, Benjamin</td>
<td>$741,029</td>
</tr>
</tbody>
</table>
FROM: DOC-Dept of Commerce
1. DOC-National Oceanic & Atmospheric $54,313
   "Learning about Kaneohe Bay Coral Reef Ecosystem, Year 2"
   Leong, Jo-Ann Haw Inst Marine
   To work with a select group of students from windward Oahu high
   schools to give them an understanding of the relationship between
   the terrestrial watershed and the coastal coral communities of
   Kaneohe Bay.

2. DOC-Nat'l Marine Fisheries Service $23,999
   "Remote Autonomous Acoustic Monitoring of Coral Reef Environment"
   Au, Whitlow Haw Inst Marine
   Provide technical support & assemble remote marine autonomous
   acoustic devices.

3. DOC-Nat'l Marine Fisheries Service $9,802
   "Sea Turtle Stranding Project"
   Maynard, Sherwood D College of Natural Sciences
   Provide support and assistance to NMFS turtle standing and
   salvaging network.

FROM: DOD-Dept of Defense
1. DOD-Pacific Telehealth & Technology Hui $24,720
   "Interactive Nursing Skills Training Applying Advanced
   Network Technology 2 (INSTAAN2 PROJECT)"
   Ho, Curtis P Educational Technology
   Testing of new educational application software developed by
   Tripler Tele-Health Hui (INSTAAN2) for use in nursing classes.
   Subcontract to pay for personnel costs for editing eight (8)
   ten-minute videotapes from raw tape provided by School of

2. DOD-Pacific Teleheath & Technology Hui $25,280
   "Interactive Nursing Skills Training Applying Advanced
   Network Technology 2 (INSTAAN2 PROJECT)"
   Wong, Lorrie C School of Nursing & Dental
   Testing of new educational application software developed by
   Tripler TeleHealth Hui (INSTAAN2) for use in nursing classes.
   Sub-contract to buy out faculty time (Lorrie Wong) to do a
   comparative analysis of the effectiveness of the use of the software
   vs. the non use of the software in the learning

FROM: DOI-Dept of Interior
1. DOI-Off of Insular Affairs $150,000
   "PBCP AAPI Local Capacity Development Student Intern Program"
   Rota, Michael T Chancellor, Community Col
   Pacific Business Center Program (PBCP) will collaborate with
   economic development and higher education institutions in the
   American Affiliated Pacific Islands to establish and run an
   expanded (PBCP) student internship program.
FROM: DOL-Dept of Labor

1. DOL-Dept of Labor $1,789,380
   "Hawaii Rural Development Project RDP 1.789"
   Sakamoto, Clyde Maui CC
   RDP will provide education and training on a statewide basis
   utilizing UH facilities on the islands of Kauai, Oahu, Molokai, Lanai,
   Maui and Hawaii.

2. DOL-Dept of Labor $1,491,150
   "RJTI 1.491 - Rural Job Training Initiative"
   Sakamoto, Clyde Maui CC
   RJTI will provide education and training on a statewide basis
   utilizing UH facilities on the islands of Kauai, Oahu, Molokai, Lanai,
   Maui and Hawaii.

FROM: ED-Dept of Education

1. ED-Dept of Education $2,729,400
   "State of Hawaii GEAR UP - 84-334S"
   Daniel, Shirley J College of Business Admin
   Increasing the number of low-income students who are prepared to
   enter and succeed in postsecondary education.

2. ED-Dept of Education $200,000
   "TACT- Teaching All Children Together"
   Hemphill, Norman Jean Center on Disability Studies
   To support leadership trainees (doctoral and post-doctoral
   students) at the UH to complete disability & diversity studies as an
   integral part of doctoral studies in Education, Social Work,
   Psychology, and Public Health.

3. ED-Dept of Education $82,163
   "Virtual Teaching Modules for Distance Education in
   Advanced Indonesian"
   Kozok, Ulrich Haw'n & Indo-Pac
   Do develop teaching modules for advanced Indonesian distant
   education.

4. ED-Dept of Education $478,665
   "University of Hawaii at Manoa GEAR UP Partnership"
   Labrador, Roberick Office of Student Affairs
   The GEAR UP Partnership provides 675 low-income middle school
   students access to rigorous academic preparation, financial
   information, and education awards to enter and succeed in
   postsecondary education. The program features an innovative
   language awareness and culture education component, tutoring,
   mentoring, professional development, and parent workshops.

5. ED-Dept of Education $445,806
   "Ha'awina Ho'opapau: Nanakuli High School"
   Leake, David Center on Disability Studies
   A curriculum development project that will focus upon the needs of
   those high school youth of greatest need (at risk of drop out or
   dropped out or placed in special education) to alternative
   educational programs. This project is structured to meet the need
   and teenage NH youth in culturally responsive curricula
   development.
<table>
<thead>
<tr>
<th>Number</th>
<th>Organization</th>
<th>Program Title</th>
<th>Award Amount</th>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>ED-Dept of Education</td>
<td>&quot;Low-Incidence Educational Interpreters and Assistants Preparation Project&quot;</td>
<td>$276,374</td>
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<td>Pagotto, Louise</td>
<td>Kapiolani CC</td>
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<td>To ready a pool of well-trained, competent personnel to work in classrooms with deaf and hard-of-hearing children.</td>
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<td>7</td>
<td>ED-Dept of Education</td>
<td>&quot;Pacific Partnerships for Deaf-Blind Technical Assistance Services Project&quot;</td>
<td>$92,000</td>
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<td></td>
<td></td>
<td>Stodden, Robert A</td>
<td>Center on Disability Studies</td>
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<td></td>
<td></td>
<td>The purpose of the project is to enhance the outcomes for children and young adults who are deaf-blind and their families to live, go to school, play, work, and have friends in their communities.</td>
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<tr>
<td>8</td>
<td>ED-Dept of Education</td>
<td>&quot;Hawaii Project for Children and Young Adults Who are Deaf-Blind&quot;</td>
<td>$77,491</td>
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<tr>
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<td>Stodden, Robert A</td>
<td>Center on Disability Studies</td>
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<td></td>
<td></td>
<td>The Hawaii Project for Children and Young Adults Who Are Deaf-Blind is committed to enhancing the outcomes for children and young adults who are deaf-blind and their families to live, go to school, play, work, and have friends in their communities.</td>
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<td>9</td>
<td>ED-Dept of Education</td>
<td>&quot;Ku I Ka Mana'ai&quot;</td>
<td>$157,136</td>
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<td></td>
<td></td>
<td>Warner, Sam L</td>
<td>Haw'n &amp; Indo-Pac</td>
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<td>Curriculum development for Hawaiian language immersion.</td>
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<td>10</td>
<td>ED-Dept of Education</td>
<td>&quot;Project Waipuna&quot;</td>
<td>$400,000</td>
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<td></td>
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<td>Zane, Lawrence F H</td>
<td>Teacher Ed &amp; Curric Study</td>
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<td>Provides professional development for Hawaii Dept. of Education teachers and other educational personnel to improve the quality of services offered to students learning English as a second language and their families, and helps build the University of Hawaii-Manoa's capacity to better prepare educational personnel to serve those students.</td>
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</tbody>
</table>

FROM: National Science Foundation

<table>
<thead>
<tr>
<th>Number</th>
<th>Organization</th>
<th>Program Title</th>
<th>Award Amount</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>National Science Foundation</td>
<td>&quot;National Science Foundation Graduate Research Fellowship Program&quot;</td>
<td>$527,500</td>
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<tr>
<td></td>
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<td>Garrod, Peter V</td>
<td>Graduate Division</td>
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<td>To provide graduate students the opportunity to further their education by funding their research projects.</td>
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<td>2</td>
<td>National Science Foundation</td>
<td>&quot;Ka'iimi'ike: An Initiative to Recruit and Retain Native Hawaiians and Pacific Islanders to the Geosciences (Track 2)&quot;</td>
<td>$150,692</td>
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<td>Gibson, Barbara</td>
<td>Pacific Biomed Rsrch Cntr</td>
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<td>The proposed program, Ka'iimi'ike, aims to introduce Native Pacific Island students to fields in the geosciences through an interactive summer institute where local geoscientists showcase their careers and research. Activities that utilize geotechniques such as GIS, remote sensing, and GPS technologies will be emphasized as these are cutting-edge across many geoscience disciplines. Ka'iimi'ike will also provide an avenue for a cooperative internship</td>
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<tr>
<td>Attachment #2 - Board of Regents' Meeting, 10/20/05</td>
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<tr>
<td>3. National Science Foundation</td>
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<td>&quot;UMEB: Environmental Biology in the Pacific Islands&quot;</td>
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<td>Hadfield, Michael G Pacific Biomed Rsrch Cntr</td>
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<tr>
<td>Provide training experience to Pacific Island undergraduate students in environmental biology.</td>
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<td>Amount: $125,000</td>
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<td>4. National Science Foundation</td>
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<td>&quot;The GK-12 in Hawaii: Using the Native Biota for Science Education&quot;</td>
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<tr>
<td>Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr</td>
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<td>To enable graduate students in the EECB Graduate Program to outreach and serve as science content mentors to K-12 teachers and students.</td>
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<td>Amount: $495,546</td>
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<tr>
<td>5. National Science Foundation</td>
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<tr>
<td>&quot;Partnership for Advanced Marine and Environmental Science Training for Pacific Islanders&quot;</td>
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<tr>
<td>Richmond, Robert Pacific Biomed Rsrch Cntr</td>
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<td>To improve technological education at the undergraduate and secondary school levels through the community colleges of the Pacific islands by supporting marine and environmental sciences programs that serve under represented minorities (Pacific</td>
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<td>Amount: $288,693</td>
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<tr>
<td>6. National Science Foundation</td>
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<tr>
<td>&quot;Invention Factory&quot;</td>
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<tr>
<td>Speitel, Thomas W CRDG</td>
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<tr>
<td>CRDG with Archimedes Hawaii will establish a three-year workshop and summer training program for teenagers to participate in hands-on production of accessible electronics and Information Technology for the handicapped and elderly. The goal is to encourage the pursuit of careers in science and engineering by students who are underrepresented in those fields.</td>
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<tr>
<td>Amount: $900,000</td>
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<tr>
<td>7. National Science Foundation</td>
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<tr>
<td>&quot;University of Hawaii Ship Operations 2005-2009&quot;</td>
<td></td>
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<tr>
<td>Taylor, Brian Sch Ocean,Earth Sci &amp; Tec</td>
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<tr>
<td>Support operation of oceanographic research vessel, technicians and shore support.</td>
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<tr>
<td>Amount: $1,256,036</td>
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<tr>
<td>8. National Science Foundation</td>
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<td>&quot;Oceanographic Instrumentation 2005&quot;</td>
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<td>Taylor, Brian Sch Ocean,Earth Sci &amp; Tec</td>
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<td>Provides scientific instrumentation to outfit R/V Kilo Moana.</td>
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<td>To increase the number of Hawaiian students in science, technology, engineering and math programs through culturally responsive curricula and academic support services.</td>
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<td>&quot;Revising 'Exploring the Moon' Teacher's Guide&quot;</td>
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<td>We will review and update the existing &quot;Exploring the Moon&quot; teacher's guide to reflect recent laboratory and mission</td>
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2. Nat'l Aeronautics & Space Administration  
Williams, Jonathan P Institute for Astronomy  
The evolution of a circumstellar disk is directly related to the formation of planets. Sensitive observations at submillimeter wavelengths will be conducted of disks in various stages of evolution in order to constrain how such properties as mass, temperature, size, and gas content vary as the dissipation

FROM: Independent Federal Agencies- Minor

1. Nat'l Geospatial-Intelligence Agency  
"Nano- and Micro-Enzymatic Power Sources - Postdoc Fellowship"
Liaw, Bor Yann Haw Nat Energy Inst  
To train postdoctoral research fellow to develop skills for fabricating micro-biofuel cells.

FROM: Hawaii- Government Agencies

1. CCH-Dept of Parks & Recreation  
"Hanauma Bay Education Program Proposal 2005-08"
Rivera, Malia Sea Grant - SOEST  
Our program will continue to introduce Hanauma Bay and malama 'kai concepts to the 1.2 million annual visitors through its professional University staff and trained corps of volunteers.

2. City and County of Honolulu  
"Team PLUS - Preventing Liquor Underage Sales"
Albright, Cheryl Cancer Research Center  
Provide technical assistance to support Honolulu Liquor Commission fulfill objectives of the Decoy Operations and enforce preventing minors access to liquor through regulatory, enforcement, and educational means.

3. City and County of Honolulu  
"Legal Services for Elders"
Pietsch, James H School of Law  
UHELP will provide legal services to elders 60 years old or more who are socially or economically needy.

4. City and County of Honolulu  
"National Family Caregiver Support Program, Caregiver Support"
Pietsch, James H School of Law  
UHELP will provide caregiver support services to caregivers and care recipients 60 years old or more who are socially or economically needy.

5. DLNR-Aquaculture Development Program  
"Aquaculture Extension Program"
Tamaru, Clyde S Sea Grant - SOEST  
Provide technical assistance to various stakeholders in the aquaculture community within the State, the Nation and Region.

6. DLNR-Division of Aquatic Resources  
"Public Outreach about Aquatic Invasive Species"
Duffy, David  
Botany
Public Service Announcement program on TV will provide general info about aquatic invasive species in Hawaii.

7. DLNR-Division of Aquatic Resources  
"Implementation of Local Action Strategy to Address Land-Based Pollution Threats to Hawai‘i’s Coral Reefs"  
Evensen, Carl I  
Natural Resources & Natural Resources &
The University of Hawai‘i’s Cooperative Extension program shall hire an Extension Agent at 55% FTE to perform services required under this Contract for the period September 15, 2005 - March 30, 2008. The Extension Agent will undertake coordination of Hawai‘i’s Local Action Strategy to Address Land-based Pollution Threats to Coral Reefs.

8. DOH-Alcohol & Drug Abuse Division  
"Tobacco Sales Enforcement for Synar Amendment"  
O’Riordan, David  
Cancer Research Center
Provide technical assistance to support county Police Departments in their operations to enforce HRS 709-908. This involves recruiting and training teams of adults and volunteer minors to participate in police operations, scheduling, and coordination of support activities. Inspection data will be collected.

9. Hawaii-Dept of Education  
"Kauai M.Ed. Programs"  
Pateman, Neil  
College of Education
Deliver Master of Education Programs on Kauai.

10 Hawaii-Dept of Health  
"2005 Hawai‘i School Health Surveys"  
Saka, Susan  
CRDG
In cooperation with the Hawai‘i School Health Surveys Committee comprised of representatives from the Departments of Education and Health and University of Hawai‘i, coordinate, administer, and provide state-level summary reports for the Hawai‘i Youth Risk Behavior Surveys (middle and high school levels) and coordinate and administer the Hawai‘i Youth Tobacco Survey.

11 Hawaii-Off of Youth Services - DHS  
"Community-Centered Approach to Youth Service"  
Umemoto, Karen  
Urban & Regional Planning
Provision of training of Office of Youth Services, Program Development Office staff in community-centered approaches to youth services, including community assessments, problem mapping, organizational development, community capacity building, program innovation, collaboration, strategic planning and program sustainability.

FROM: Hawaii- Business and Other

1. East West Center  
"Pacific Regional Integrated Science Assessment"  
Hamnett, Michael P  
Social Science Rsrch Inst
UH SSRI will provide work from the Hazards, Climate, and Environment Program Director to assist the East-West Center Climate Coordinator in developing the Pacific Regional Integrated Science and Assessment by developing decision support tools, overseeing the development of an experiential database, and maintaining networks among the Pacific Climate Community.
2. Ke Anuenue, AHEC, Inc  
"AHEC Paraprofessional Training"  
Johnson, Nancy K  
Maui CC  
Increase paraprofessional course offerings.  
$20,604

3. Oceanic Institute-Ctr for Trop & Subtrop  
"Publications, Information, and Library"  
Anderson, Kristen L  
Library Services  
Continue the PRAISE program to promote transfer of information within the Pacific aquaculture community including: gathering data for aquaculture textbook series and ongoing information services.  
$25,000

4. Olelo Community Television  
"An Educational Access Plan for the Year 2005"  
Okimoto, Hae K  
Info Technology Services  
Produce courses and programs for the public access channel, Oceanic 55.  
$393,724

FROM: Hawaii- Health Organizations

1. Queen's Medical Center  
"Salary, Fringe Benefit & Malpractice Insurance Reimbursement Agreement - FY 2006 (Kaiser)"  
Andrade, Naleen N  
Psychiatry- MED  
Salary, fringe benefit & malpractice insurance reimbursement agreement to provide physician and physician-related services for FY 2006.  
$164,453

2. Queen's Medical Center  
"Salary and Fringe Benefits, Malpractice Insurance Reimbursement Agreement-FY2006"  
Andrade, Naleen N  
Psychiatry- MED  
Salary, fringe benefit & malpractice insurance reimbursement agreement to provide physician and physician-related services for FY 2006.  
$291,740

3. Queen's Medical Center  
"Ike Ao Pono/Native Hawaiian Health Initiative"  
Minton, B. Nalani  
School of Nursing & Dental  
Financial support to provide scholarships, academic tutoring and access to cultural program for under-served and or under represented students in workforce diversity and culturally appropriate healthcare and also addresses the nursing shortage in Hawaii as a whole while attempting to reduce dire disparities.  
$82,000

4. Wahiawa General Hospital  
"Salary and Fringe Benefit & Malpractice Insurance Reimbursement Agreement - FY 2005 (Modification"  
Palafox, Neal A  
Fam Prac & Comm Hlth-  
Salary, fringe benefit and malpractice insurance reimbursement agreement to provide physician and physician-related services for FY 2006.  
$57,778

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

1. American Society for Engineering Education  
"National Defense Science and Engineering Graduate Fellowships"  
Cheung, Kwok F  
Ocean & Resources  
Tuition payment for National Defense Science and Engineering Graduate Fellows.  
$31,844
FROM: Mainland- Business

1. Mele Associates, Inc. $177,827
   "OpenVistA -VistA Institute Design and Development Support"
   Okamura, Norman H Social Science Rsrch Inst
   Development of the curriculum and training materials to establish the VistA Institute, a training and certification program for a clinical information system. The VistA Institute will have two tracks: System Administrators and Clinical Application Coordinators. In addition, the project will develop gap documentation and create a VistA Institute Document Library (VIDL).

FROM: Mainland- Other

1. Dolphin Quest $5,800
   "Dolphin Calf Nutrition"
   Maynard, Sherwood D Biology Program
   This project aims to determine whether environmental contaminants in mothers' milk contribute to high infant mortality in Sarasota Bay dolphins. In addition the project will develop a technique to use a biomarker to quantitatively establish solid food intake by dolphins. All work will be performed on milk and blood samples previously taken and stored. Advance account

2. Univ Corp for Atmospheric Research $11,700
   "VisionLab 2005"
   Businger, Steven Meteorology - SOEST
   This proposal seeks modest support for continued development of PacNet and to support operational utilization of the data stream at NRL for (i) nowcasting convective activity, (ii) convective rainfall analyses over the Pacific, and (iii) to improve marine prediction of cyclogenesis and squall-line motion through sferics data assimilation in COAMP and NOGAPS.

FROM: U.S. Universities and Colleges

1. Univ of California- Davis $79,032
   "Asian American Network for Cancer Awareness, Research and Training (AANCART)"
   Ho, Reginald Cancer Research Center
   This proposal will address the disparity of cancer status in Asian Americans immigrants in Hawaii, especially the Filipino immigrants, who comprise the largest proportion of these immigrants, through education of the community in cancer awareness, training of community leaders and young researchers, and promoting research to address this problem.

2. Univ of California- Santa Cruz $16,345
   "Development of Two New Adaptive Optics Related Courses at Maui Community College (FULL PROPOSAL TITLE) (Subaward grant proposal to Pye, John Maui CC
   To develop a new laboratory course for the general education Astronomy curriculum at Maui Community College. This course will be a standard one-credit laboratory course that will satisfy one of the Natural Science core requirements. A curriculum proposal will be submitted at the beginning of the Fall, 2005 semester.
3. Univ of New Hampshire  $768,268
"University of Hawaii Ship Operations 2005-2009"
Taylor, Brian Sch Ocean,Earth Sci & Tec
Support operation of oceanographic research vessel, technicians
and shore support.
Funds Received from UH Foundation

RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $23,547
   "Statistical Pattern Recognition Methods for Profiling Gene Expression Patterns"
   Cheung, Leo Wang-Kit Cancer Research Center
   To develop and apply novel probabilistic hybrid models and multivariate scan statistics to analyze gene expression data. The focus is the dynamics of gene expression.

2. Univ of Hawaii Foundation $34,700
   "Development of a Sensitive LCMS/MS-based Assay for Steroids from Biological Fluids in the Picomolar"
   Franke, Adrian A Cancer Research Center
   To establish methods based on LC/MS-MS to measure steroids at picomolar concentrations.

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

NON-RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $43,172
   "Lifelong Learning and Community Connections"
   Dubanoski, Richard A College of Social Sciences
   Funds will be used to hire assistant coordinator to strengthen the Osher Lifelong Learning Institute’s instructional offerings and community connections.

2. Univ of Hawaii Foundation $34,080
   "The Beatrice Watson Parrent Fellowship in Astronomy"
   McLaren, Robert A Institute for Astronomy
   The Beatrice Watson Parrent Endowment Fund was established in 1985 to support, in perpetuity, the Beatrice Watson Parrent Fellowship in Astronomy.

3. Univ of Hawaii Foundation $37,100
   "Law School Faculty Summer Research (2005)"
   Soifer, Aviam School of Law
   Summer stipends for School of Law faculty to conduct research.
### SUMMARY

**EXTRAMURAL RESEARCH AWARDS, AUGUST, 2005**

**DISTRIBUTION BY SPONSORS**

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SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, AUGUST, 2005

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YEAR-TO-DATE SUMMARY
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### YEAR-TO-DATE SUMMARY
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<td>Hawaii- Health Organizations</td>
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<td>Mainland- Associations, Foundation, Soc, etc.</td>
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| Total | 149 | $37,459,004 | 100.00 |


Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior     $14,000
   “UHH - Early Detection on Maui”
   Sharon Ziegler Chong UHH-Aquaculture

2. DOI-Dept of Interior       $2,222
   “UHH - Restoration Two Maui Forests”
   Sharon Ziegler Chong UHH-Aquaculture

3. DOI-Dept of Interior   $150,000
   “UHH-PBIN : PIERC/HEAR Invasive Species Theme”
   Sharon Ziegler Chong UHH-Aquaculture

FROM: Mainland Other

1. Space Telescope Science Institute     $20,009
   “Archaeology of Fossil Galaxy Groups”
   Michael West UHH-Astronomy

NON-RESEARCH AWARDS

FROM: ED-Dept of Education

1. ED-Dept of Education    $288,383
   “Upward Bound Math and Science”
   “Upward Bound Math and Science - Room/Board”
   Cornelia Anguay UHH-Upward Bound

FROM: NASA-Nat'l Aeronautics and Space Administration

1. NASA-Nat'l Aeronautics and Space Administration $3,968,000
   “New Tech MKAEC Facilities”
   Rose Tseng UHH-Distance Education and Instructional Technology

FROM: NSF-Nat'l Science Foundation

1. NSF-Nat'l Science Foundation $112,687
   “REU Site : Tropical Conservation”
   Sharon Ziegler Chong UHH-Biology

FROM: Hawaii Business and Other
1. East West Center
   “South Pacific Island Scholarship Program”

   James Mellon  UHH-Student Services

   $25,200
UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL RESEARCH AWARDS, AUGUST 2005 - AUGUST 2005

DISTRIBUTION BY SPONSORS

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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</table>
UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, AUGUST 2005 - AUGUST 2005

DISTRIBUTION BY SPONSORS

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<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
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<td>NSF-Nat'l Science Foundation</td>
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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY  

EXTRAMURAL RESEARCH AWARDS, JULY 2005 - AUGUST 2005  

DISTRIBUTION BY SPONSORS

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, JULY 2005 - AUGUST 2005

DISTRIBUTION BY SPONSORS

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<th>AGENCY-UNIT</th>
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<th>AMOUNT</th>
<th>PERCENT</th>
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<td><strong>$5,569,210</strong></td>
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UNIVERSITY CONTRACTS PROCESSED IN AUGUST 2005  
FOR APPROVAL BY THE BOARD OF REGENTS

A. CONTRACTS AWARDED AS A RESULT OF COMPETITIVE SOURCE SELECTION

1. Description: Furnish All Labor, Materials, Tools and Equipment Necessary for Kennedy Theater Rigging Repair & Replacement, Project No. UHM 05-008

Contractor: S&M Sakamoto, Inc., 96-1385 Waihona St., Pearl City, HI

Amount: $687,196.00

B. PROFESSIONAL SERVICES PROCUREMENT

1. Description: A/E Design Services for Hamilton Library, Phases 1 and 2, Construct Chiller and Electrical Transformer Building, UHM, Project No. UHM 04-541-615

Contractor: Kimura/Ybl & Associates, Ltd., 1014 Akala Lane, Honolulu, HI

Amount: $342,215.00

C. EMERGENCY PROCUREMENT

1. Description: Repair and Reconstruction of C & D Courtyards of the Biomedical Sciences Building

Contractor: Kokea Construction & Consultants, Inc., 1602 Auiki St., Bldg. A, Honolulu, HI

Amount: $1,327,531.42

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

Salary adjustment for Executive/Managerial (E/M) personnel who were appointed to their current E/M position prior to January 1, 2005 and who have been rated as above fully satisfactory July 1, 2005

UNIVERSITY OF HAWAI'I AT MĀNOA

Executive

SHOMAKER, T. SAMUEL
Interim Dean
John A. Burns School of Medicine
August 8, 2005 - August 7, 2006, unless sooner relieved

Managerial

LEE, CHUNG
Interim Associate Dean for Academic Affairs
College of Social Science
November 1, 2005 - July 31, 2006

UNIVERSITY OF HAWAI'I AT HILO

Executive

TAMASHIRO, CORINNE
Acting Dean, UHH
College of Continuing Educ & Community Svcs
Upon Board Approval - December 30, 2005, unless sooner relieved
COMMUNITY COLLEGES

FURUTO, BRIAN K.
Assistant to Senior Executive
Honolulu Community College
Upon Board Approval

PAGOTTO, LOUISE
Acting Vice Chancellor, CC (Academic Affairs)
Kapi'olani Community College
Upon Board Approval - July 31, 2006,
unless sooner relieved

Recommendation: That the Board approve the personnel actions as recommended.
RESIGNATIONS AND RETIREMENTS OF BOARD OF REGENTS

Resignations

AKO, MERRILEE M.
Instructor
Learning Center
Kaua’i Community College
August 14, 2005

AU, KATHRYN HU-PEI
Professor
Institute for Teacher Education
University of Hawai’i at Mānoa
July 31, 2005

BAIR, KELLY A.
Physical Plant Management
(Dormitory Resident Manager)
Student Housing
University of Hawai’i at Hilo
August 1, 2005

BARNES, MARGARET
Assistant Professor
Special Education
University of Hawai’i at Mānoa
June 15, 2005

BONAR, ROBERT A.
Instructor
Counseling & Guidance
Hawai’i Community College
May 27, 2005

CASSITY, KATHLEEN J.
Instructor
Language Arts
Leeward Community College
July 31, 2005
CHAN LAM, MANDY
Institutional Support
(Fiscal Accounting Specialist)
Office of Research Services
University of Hawai‘i at Mānoa
June 28, 2005

DARMAL, ARSALAN
Assistant Professor
Psychiatry
University of Hawai‘i at Mānoa
August 29, 2005

EDWARDS, PETRA A.
Instructor
Counseling & Guidance
Honolulu Community College
July 31, 2005

FUJIWARA, SHELDON K.
Physical Plant Management
(Dormitory Resident Manager)
Student Housing
University of Hawai‘i at Hilo
August 15, 2005

FURRIE, THOMAS H.
Institutional Support
(Admin & Fiscal Support Sp)
Upward Bound Program
University of Hawai‘i at Hilo
August 31, 2005

GYOTOKU, NADINE T.
Institutional Support
(Admin & Fiscal Support Sp)
Upward Bound Program
University of Hawai‘i at Hilo
July 22, 2005
HAWKINS, TYLER P.
Instructor
Language Arts
Leeward Community College
July 8, 2005

HUFF, MICHAEL R.
Academic Support
(Educational Sp)
Curriculum Studies
University of Hawai‘i at Mānoa
February 28, 2005

IRWIN, BETSY
Assistant Specialist
Institute for Teacher Education
University of Hawai‘i at Mānoa
June 30, 2005

KAGIHARA, LYNETTE E.
Associate Professor
Complementary and Alternative Medicine
University of Hawai‘i at Mānoa
August 3, 2005

KALAI, KAMUELA A.K.
Academic Support
(Educational Specialist)
Dean’s Office
Honolulu Community College
August 12, 2005

KOCHI, JAMIE L.
Institutional Support
(Personnel Officer)
Auxiliary Services
University of Hawai‘i at Mānoa
June 20, 2005

KUHN, THOMAS C.
Instructor
Curriculum Resources
Leeward Community College
June 30, 2005
MOR, JOANNE M.  
Assistant Specialist  
Dean’s Office  
University of Hawai’i at Mānoa  
June 30, 2005

PARK, MARY J.Y  
Instructor  
Enrollment Services  
Hawai’i Community College  
July 1, 2005

ROSEN, MARK  
Institutional Support  
(Administrative Officer)  
Office of Research Services  
University of Hawai’i at Mānoa  
July 15, 2005

SMITH, DOUGLAS  
Associate Professor  
Counselor Education  
University of Hawai’i at Mānoa  
July 31, 2005

WINGO, JAMES  
Institutional Support  
(Administrative Officer)  
Office of Research Services  
University of Hawai’i at Mānoa  
June 30, 2005

WON, WENDY K.  
Enterprise Operations  
(Assistant Bookstore Manager)  
Auxiliary Enterprises  
University of Hawai’i at Mānoa  
August 11, 2005
Retirements

HANNA, JEAN K.
Assistant Professor, CC
Language Arts
Windward Community College
August 31, 2005

IKEI, STANLEY N.
Assistant Professor, CC
Food Services
Leeward Community College
July 31, 2005

************************
David McClain
Interim President

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