UNIVERSITY OF HAWAI‘I

MEETING NOTICE OF BOARD OF REGENTS

DECEMBER 12, 2003

9:00 am
University of Hawai‘i at M‘noa
Campus Center Conference Chamber, Room 220
2465 Campus Road
Honolulu, Hawai‘i 96822

AGENDA

I. Call Meeting to Order at 9:00 a.m.

II. Approval of Minutes of the Board of Regents’ Meeting - None

III. Gifts, Grants and Contracts

The following gifts, grants, and contracts received during the period September 16, 2003 through October 15, 2003 total $47,304,177. Also listed is a listing of the grants, contracts and agreements acknowledged by the University of Hawai‘i at Hilo during the period September 16, 2003 through October 15, 2003 total $1,455,845.

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Cooperative State Research Service $160,395
"Economics of Managing Invasive Species in Tropical and Subtropical Areas of the US-Hawaii"
Ferguson, Carol A Natural Resources &
Cross-regional project between Universities of Hawaii, Guam, Florida, Puerto Rico. Decision-making framework and risk management system combining economic and scientific analyses on occurrence and impacts from invasive species. Regional case studies to validate, apply comprehensive model. Develops collaborative interdisciplinary network for invasive species management.

2. DA-Cooperative State Research Service $882,671
"Tropical and Subtropical Agricultural Research (TSTAR) Umbrella D: Agriculture Research in the Tropics"
Vincent, Douglas L Coll, Trop Ag & Human Res
Provide research that maintains and enhances production of established tropical and subtropical agricultural products. Develop agricultural practices in the tropics and subtropics that are environmentally acceptable through an agroecosystems approach. Involves research on the development of tropical plants and animal related research.

3. DA-Cooperative State Research Service $371,487
"Hawaii Floriculture Research Grant - 2003"
Vincent, Douglas L Coll, Trop Ag & Human Res
Develop and commercialize in a timely manner, high yielding disease/insect resistant floral cultivars for Hawaii. Address current technical constraints such as quarantine issues that limit the export of Hawaii floral and ornamental crops.
4. DA-Cooperative State Research Service  
"Hawaii Agricultural Diversification 2003 - New Crop/Product Development and Marketing"  
Vincent, Douglas L  
Coll, Trop Ag & Human Res  
To screen potential food and non-food crops for commercial development in Hawaii and then make earnest attempts to work with willing and able entrepreneurs to move the results of research to the private sector.

5. DA-Cooperative State Research Service  
"Tropical and Subtropical Agricultural Research (TSTAR) Umbrella A: Pest, Plants, and Disease"  
Vincent, Douglas L  
Coll, Trop Ag & Human Res  
Provide research that maintains and enhances production of established tropical and subtropical agricultural products. Develop agricultural practices in the tropics and subtropics that are environmentally acceptable through an agroecosystems approach. Involves research on various pests, plants, and diseases.

6. DA-Cooperative State Research Service  
"Tropical and Subtropical Agricultural Research (TSTAR) Umbrella B: Tropical Agriculture"  
Vincent, Douglas L  
Coll, Trop Ag & Human Res  
Provide research that maintains and enhances production of established tropical and subtropical agricultural products. Develop agricultural practices in the tropics and subtropics that are environmentally acceptable through an agroecosystems approach. Involves research on various tropical crops and diseases.

7. DA-Cooperative State Research Service  
"Tropical and Subtropical Agricultural Research (TSTAR) Umbrella C: Tropical Molecular Plant Biology"  
Vincent, Douglas L  
Coll, Trop Ag & Human Res  
Provide research that maintains and enhances production of established tropical and subtropical agricultural products. Develop agricultural practices in the tropics and subtropics that are environmentally acceptable through an agroecosystems approach. Involves research on the development and breeding of tropical plants and flowers.

8. DA-Dept of Agriculture  
"Support of Agriculture Research of Mutual Interest"  
Grace, J Kenneth  
Plant & Environmental R-9

9. DA-Dept of Agriculture  
"Support of Agriculture Research of Mutual Interest"  
Grace, J Kenneth  
Plant & Environmental R-9

10. DA-Dept of Agriculture  
"Support of Agricultural Research of Mutual Interest"  
Grace, J Kenneth  
Plant & Environmental R-9

11. DA-Dept of Agriculture  
"Support of Agricultural Research of Mutual Interest"  
Grace, J Kenneth  
Plant & Environmental R-9
<table>
<thead>
<tr>
<th>#</th>
<th>Agency</th>
<th>Amount</th>
<th>Project Title</th>
<th>Investigator</th>
<th>Department</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>DA-Dept of Agriculture</td>
<td>$243,134</td>
<td>&quot;Agricultural Postharvest, Value-Added Products and Processing Program&quot;</td>
<td>Hashimoto, Andrew</td>
<td>Coll, Trop Ag &amp; Human Res</td>
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<tr>
<td>13</td>
<td>DA-Dept of Agriculture</td>
<td>$81,663</td>
<td>&quot;Transgenic Citrus Plants with Broad and Durable Resistance to Citrus Tristeza Virus&quot;</td>
<td>Hu, John</td>
<td>Plant &amp; Environmental</td>
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<tr>
<td>14</td>
<td>DA-Dept of Agriculture</td>
<td>$128,540</td>
<td>&quot;Area-wide Integrated Pest Management of Fruit Flies in Hawaiian Fruits &amp; Vegetables (Economics)&quot;</td>
<td>Leung, Ping S</td>
<td>Molecular Biosciences &amp;</td>
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<tr>
<td>15</td>
<td>DA-Dept of Agriculture</td>
<td>$541,884</td>
<td>&quot;IPM Strategies for Control of Tephritid Fruit Flies that Infest Hawaii Grown Fruits and Vegetables&quot;</td>
<td>Mau, Ronald</td>
<td>Plant &amp; Environmental</td>
</tr>
<tr>
<td>16</td>
<td>DA-Dept of Agriculture</td>
<td>$200,000</td>
<td>&quot;Integrating Prevention and Control of Invasive Species: Lessons from Hawaii&quot;</td>
<td>Roumasset, James A</td>
<td>Economics</td>
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<tr>
<td>17</td>
<td>DA-Dept of Agriculture</td>
<td>$115,161</td>
<td>&quot;Hawaii Aquaculture Grant - 2003&quot;</td>
<td>Vincent, Douglas L</td>
<td>Coll, Trop Ag &amp; Human Res</td>
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<tr>
<td>18</td>
<td>DA-Dept of Agriculture</td>
<td>$259,447</td>
<td>&quot;Molecular Improvement of Pineapple&quot;</td>
<td>Vincent, Douglas L</td>
<td>Coll, Trop Ag &amp; Human Res</td>
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<tr>
<td>19</td>
<td>DA-Dept of Agriculture</td>
<td>$259,447</td>
<td>&quot;Pests and Diseases of Papayas&quot;</td>
<td>Vincent, Douglas L</td>
<td>Coll, Trop Ag &amp; Human Res</td>
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<td>20</td>
<td>DA-Dept of Agriculture</td>
<td>$246,378</td>
<td>&quot;Minor Crops Pest Control&quot;</td>
<td>Vincent, Douglas L</td>
<td>Coll, Trop Ag &amp; Human Res</td>
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<tr>
<td>No.</td>
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<td>Grant ID</td>
<td>Title</td>
<td>Principal Investigator</td>
<td>Institution</td>
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<td>21.</td>
<td>DA-Dept of Agriculture</td>
<td>R-9</td>
<td>&quot;Environmental Effects of Tephritid Fruit Fly Eradication and Control&quot;</td>
<td>Vincent, Douglas L</td>
<td>Coll, Trop Ag &amp; Human Res</td>
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<tr>
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<td>FROM: DHHS-Dept of Health &amp; Human Services</td>
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<tr>
<td>1.</td>
<td>NIH-Nat'l Cancer Institute (NCI)</td>
<td></td>
<td>&quot;Surveillance, Epidemiology, and End Results (SEER) Program&quot;</td>
<td>Goodman, Marc T</td>
<td>Cancer Research Center</td>
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<td>2.</td>
<td>NIH-Nat'l Cancer Institute (NCI)</td>
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<td>&quot;Genes, Diet and Carcinogen Activation in Smokers&quot;</td>
<td>Le Marchand, Loic</td>
<td>Cancer Research Center</td>
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<td>3.</td>
<td>NIH-Nat'l Cancer Institute (NCI)</td>
<td></td>
<td>&quot;Breast Density, IGF-I, &amp; Prolactin in Four Populations&quot;</td>
<td>Maskarinec, Gertraud</td>
<td>Cancer Research Center</td>
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<td>4.</td>
<td>NIH-Nat'l Cancer Institute (NCI)</td>
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<td>&quot;Quality of Life in Testis Cancer Survivors&quot;</td>
<td>Muraoka, Miles Y</td>
<td>Cancer Research Center</td>
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<td>5.</td>
<td>NIH-Nat'l Center for Minority Health Disparities</td>
<td></td>
<td>&quot;Partnership for Diabetes Related Disparities in Hawaii&quot;</td>
<td>Mau, Marjorie K</td>
<td>Medicine- MED</td>
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<td>6.</td>
<td>NIH-Nat'l Center for Research Resources</td>
<td></td>
<td>&quot;Hawaii HIV Immunology and Vaccine Core&quot;</td>
<td>Cadman, Edwin C</td>
<td>Pacific Biomed Rsrch Cntr</td>
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7. NIH-Natl Center for Research Resources $257,305
"Hawaii RCMI Communications Technology Supplement"
Cadman, Edwin C Pacific Biomed Rsrch Cntr
This RCMI administrative supplemental request aims to improve the communications technology infrastructure for biomedical research at UH by selected network infrastructure improvements at on- and off-campus facilities, development of group and individual videoconferencing capabilities, and hiring of information technology personnel.

8. NIH-Natl Center for Research Resources $2,428,563
"Selective Research Excellence in Biomedicine and Health"
Cadman, Edwin C Pacific Biomed Rsrch Cntr
The goal of this program is to improve the infrastructure for research in biomedicine and health at UHM by developing new research programs in molecular pharmacology, immunoegenetic diseases and pathobiology of HIV-associated disorders, and to partially support core facilities in molecular biology, computer support and biostatistics and data management.

9. NIH-Natl Center for Research Resources $199,904
"Supplement for Equipment for AIDS Research"
Cadman, Edwin C Pacific Biomed Rsrch Cntr
This is a special supplement to obtain equipment to support AIDS research.

10. NIH-Natl Center for Research Resources $1,109,860
"Center of Clinical Research Excellence"
Easa, David School of Medicine
To provide the State of Hawaii with a clinical research center to meet the health needs of its multi-ethnic population, distanced from clinical research centers on the mainland. To provide educational opportunities and experience for students and established healthcare providers.

11. NIH-Natl Center for Research Resources $1,996,149
"Hawaii State Biomedical Research Infrastructure Network"
Smith, Dean O Pacific Biomed Rsrch Cntr
Increase the biomedical research capacity in Hawaii.

12. NIH-Natl Center for Research Resources $1,936,240
"Pacific Center for Emerging Infectious Diseases Research"
Yanagihara, Richard T Pediatrics- MED
To develop a center of research excellence for infectious diseases.

13. NIH-Natl Inst of Alcohol Abuse & Alcoholism $316,813
"Collaborative Alcohol Research Development and Planning"
Goebert, Deborah Psychiatry- MED
Conduct collaborative alcohol epidemiology research development in collaboration with JABSOM and the University of Texas through pilot projects and feasibility studies; includes a formalized plan for alcohol research training/mentoring of minority scientists with a strategic plan to disseminate findings.
<table>
<thead>
<tr>
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<th>Funding</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>14. NIH-Nat'l Inst of Neurological Disorders &amp; Stroke</td>
<td>$279,070</td>
<td>&quot;Autonomic Function and Insulin Resistance in a Multiethnic Population&quot;</td>
<td>Grandinetti, Andrew Pacific Biomed Rsrch Cntr</td>
<td>To investigate ethnic differences in autonomic function, and to investigate the relationship between insulin resistance and autonomic function.</td>
</tr>
<tr>
<td>15. NIH-Nat'l Inst of Neurological Disorders &amp; Stroke</td>
<td>$1,068,050</td>
<td>&quot;University of Hawaii SNRP&quot;</td>
<td>Rayner, Martin D Pacific Biomed Rsrch Cntr</td>
<td>This award provides funding, training, and mentoring for two junior neuroscience researchers, with collaborators from different institutions. Provides mentoring and administrative support through the Program Director.</td>
</tr>
<tr>
<td>16. NIH-Nat'l Inst of Neurological Disorders &amp; Stroke</td>
<td>$1,356,831</td>
<td>&quot;University of Hawaii NeuroAIDS SNRP&quot;</td>
<td>Shikuma, Cecilia M School of Medicine</td>
<td>To study the neurological effects of HIV infection in two cohorts and to investigate sites of viral integration in brain tissue.</td>
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FROM: DOC-Dept of Commerce

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<thead>
<tr>
<th>Grant Number</th>
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<th>Institution</th>
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<tbody>
<tr>
<td>1. DOC-National Oceanic &amp; Atmospheric</td>
<td>$183,376</td>
<td>&quot;The Impact of Bottomfishing on the Raita and West St. Rogatien RPAs in the Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve&quot;</td>
</tr>
<tr>
<td>2. DOC-Western Pacific Region Fisheries Mgmt</td>
<td>$218,788</td>
<td>&quot;A Survey of Bottomfish Habitat in the Kahoolawe Island Reserve: Defining a Benchmark for the State of Hawaii's Restricted Fishing Areas&quot;</td>
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FROM: DOD-Dept of Defense

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<th>Grant Number</th>
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<tbody>
<tr>
<td>1. DOD-Dept of Air Force</td>
<td>$1,380,000</td>
<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
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<tr>
<td>2. DOD-Dept of Air Force</td>
<td>$920,000</td>
<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
</tr>
</tbody>
</table>
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 $80,000

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 $287,803

5. 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. $18,130

6. DOD-Dept of Navy
"Adriatic Mesoscale Experiment (AMEX): HF Radar and Remote Sensing of Surface Currents, Winds and Temperature"
Flament, Pierre J Oceanography - SOEST
The observational program to quantify the mesoscale variability in the northern Adriatic Sea. The measurements of the near-surface circulation using high-frequency radars. $50,000

7. DOD-Dept of Navy
"Insular Carbonate Shelf Structure and Substrate Diversity"
Fletcher, Charles H Geology & Geophys - SOEST
Production of a subbottom stratigraphic & structural model that details the historical relationship between sedimentary cover and hardground accretion in depth zone 0 - 20m. $78,081

8. DOD-Dept of Navy
"The Effects of Surface Texture, Flow, and Dissolved Cues from Biofilms on Settlement and Attachment of Fouling Organisms to Marine Coatings"
Hadfield, Michael G Pacific Biomed Rsrch Cntr
Investigations of the mechanisms by which small scale hydrodynamics in realistic flow affect the encounter with and attachment to those surfaces by larvae of fouling organisms. $72,801

FROM: DOI-Dept of Interior

1. DOI-Fish & Wildlife
"Trial Program for Eradication of Potentially Invasive Plant Species on Private Lands on the Island of Maui, Hawaii"
Duffy, David Botany
Examine if using a two-group strategy, one to survey and one to implement, would function more effectively at removing incipient invasive alien species on Maui. $42,500
2. DOI-Fish & Wildlife $285,000
   "Support for Invasive Species Committee Efforts, Phase 3"

   Duffy, David Botany
   Continue support for research and management efforts of the invasive species committees on the islands of Kauai, Maui, Molokai, Hawaii, Oahu and for the Coordinating Group on Alien

3. DOI-Fish & Wildlife $75,325
   "Wiliwili Forest Restoration at Pu‘u-o-kali Lava Flows, Western Haleakala, Maui"

   Duffy, David Botany
   This proposal seeks support to facilitate a community based restoration of Wiliwili forest on land leased by a community group from the Department of Hawaiian Home Lands. Specifically this project will pay for the growing of native plants that will be outplanted and cared for high school and canoe groups, and other volunteers, based on the successful Auwahi Restoration Group

4. DOI-Fish & Wildlife $38,556
   "Big Island Hawksbill Seaturtle Project, Phase 4"

   Duffy, David Botany
   Maintain volunteer project to protect nesting beaches and count nesting females and their offspring of this critically endangered seaturtle and also to survey for additional nesting sites, as the population appears to be increasing slightly.

5. DOI-Fish & Wildlife $13,000
   "Facilitating the Leeward Haleakala Watershed Restoration Partnership"

   Duffy, David Botany
   Assist a coalition of landowners to work together to manage their lands to protect the watersheds and natural ecosystems.

6. DOI-Fish & Wildlife $23,262
   "Support for Invasive Species Committee Efforts, Phase 3"

   Duffy, David Botany
   Continue support for research and management efforts of the invasive species committees on the islands of Kauai, Maui, Molokai, Hawaii, Oahu, and for the Coordinating Group on Alien

7. DOI-Fish & Wildlife $13,800
   "Support for Hawaii Invasive Species Group"

   Duffy, David Botany
   Assist Oahu Invasive Species Committee in battle against spread of invasive species.

8. DOI-Fish & Wildlife $5,500
   "Support for Hawaii Invasive Species Group"

   Duffy, David Botany
   Assist Oahu Invasive Species Committee in battle against spread of invasive species.

9. DOI-Geological Survey $88,000
   "Preventing Invasive Alien Species: Disseminating Information from the Hawaii Ecosystems at Risk Project. Phase 3 Supplement"

   Duffy, David Botany
   Funds for data management personnel to collate information on invasive species in Hawaii and the Pacific.
10. DOI-Geological Survey  
"Hawaiian Forest Bird Research: Phase 7, Sup 3"  
Duffy, David Botany  
Supplement to continue "data mining" existing information on censuses for Hawaiian forest birds.

FROM: National Science Foundation

1. National Science Foundation  
"Collaborative Research: Influences of Cyclonic Eddy Activity on Planktonic Food Web Dynamics and Carbon Export in the Lee of Hawaii"  
Bidigare, Robert R Oceanography - SOEST  
We propose to study the effects of cold-core eddies on carbon cycling in the vicinity of the Hawaiian Islands.

2. National Science Foundation  
"Supplemental Funding for IERI Grant No. 0228158, Phase-1 Study of the Effects of Professional Development and Long-term Support on Program....."  
Brandon, Paul R CRDG  
Prepare professional development workshops and instruments to use in a planned Phase II study, in which we will compare alternative professional development models in a randomized

3. National Science Foundation  
"SENSORS:Collaborative Research: ALOHA Mooring Sensor Network and Adaptive Sampling"  
Lukas, Roger B Oceanography - SOEST  
To build, design and deploy a cabled mooring system at station ALOHA north of Oahu.

4. National Science Foundation  
"Wave-Driven Porewater-Seawater Exchange in Sandy Coastal Sediments"  
Sansone, Francis J Oceanography - SOEST  
The proposed research will quantify and model wave-induced porewater movement and porewater-seawater exchange in sandy coastal marine sediments.

5. National Science Foundation  
"Dynamics of the Boreal Summer Intraseasonal Oscillation"  
Wang, Bin Meteorology - SOEST  
This proposal is to understand the intraseasonal variability of atmosphere-ocean system in the tropical Indian Ocean and Western Pacific and predictability of the intraseasonal oscillation.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration  
"Validation of Mean Absolute Sea Level of the North Atlantic Obtained from Drifter, Altimetry and Wind Data"  
Maximenko, Nikolai Oceanography - SOEST  
Evaluate sources and rates of uncertainties in the absolute mean sea level of the North Atlantic estimated from surface drifter and satellite wind and altimetry data.
2. Nat'l Aeronautics & Space Administration
"Analysis and Validation of SRTM Data Over Tropical Volcanoes"
Mouginis-Mark, Peter J  Haw Inst Geophys & Planet
We will use topographic data collected by the space shuttle to study volcanoes in the Philippines, Java, Galapagos and Hawaii.

3. Nat'l Aeronautics & Space Administration
"Participation in Planet-B NMS Team"
Owen, Tobias  Institute for Astronomy
Principal Investigator will serve as a team member of NASA's Planet-B NMS Team.

4. Nat'l Aeronautics & Space Administration
"INTEGRAL Observations of the Ultraluminous Infrared Galaxy Mrk273"
Sanders, David B  Institute for Astronomy
We propose observations on the International Gamma Ray Astrophysical Laboratory of the ultraluminous infrared galaxy (ULIG) Mrk273 to determine whether the luminous infrared emissions originate from a buried active galactic nucleus, with implications for theories of galaxy evolution.

5. Nat'l Aeronautics & Space Administration
"Origin of the Far-UV Emission from Binary Pre-Main Sequence Herbig Ae/Be Stars"
Simon, Theodore  Institute for Astronomy
This project will collect Far-Ultraviolet (FUV) spectra data from previously unstudied binary Herbig Ae/Be stars. Combined with archived data from previous FUSE observations, we hope to test various interpretations about the origin of FUV emissions by studying the difference in detection rates, FUV luminosity distribution, and FUV line profiles.

FROM: Hawaii- Government Agencies

1. County of Hawaii
"Green Tea Propagation and Nursery Establishment Study as an Alternative Crop for Big Island Growers"
Sato, Dwight M  Plant & Environmental
This proposal is aimed at evaluating and selecting tea cultivars for good yield performance and taste qualities and to conduct trials to determine the "best management" procedure for asexual

2. County of Hawaii
"Chemical and Cultural Management of Burrowing Nematodes on Anthuriums - Phase I"
Sewake, Kelvin T  Plant & Environmental
To determine the efficacy of two pre-plant nematicides on controlling burrowing nematodes on anthuriums.

3. DLNR (DOFAW)
"Volcano Rare Plant Propagation Facility"
Kaneshiro, Kenneth Y  Pacific Biomed Rsrch Cntr
Propagation and maintenance of endangered Hawaiian plant species at the Volcano Rare Plant Propagation Facility.
4. DLNR (DOFAW) $9,000
   "Plant Propagation Management - Seed Storage Facility"
   Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr
   Propagate and maintain native Hawaiian plants from the Island of Maui.

5. Hawaii-Civil Defense Division $19,103
   "City & County of Honolulu Project Impact GIS"
   Hamnett, Michael P Social Science Rsrch Inst
   This project will develop geographic information system (GIS) layers
   for the City & County of Honolulu to be used in hazard mitigation
   planning for C&C Project Impact, C&C Civil Defense and the Hawaii
   State Hazard Mitigation Plan.

6. Hawaii-Dept of Agriculture $24,623
   "Supplemental Funding - Leaching of Selected Pesticides in
   Hawaii Soils as Affected by Soil Properties and Hydrologic
   Conditions"
   Ray, Chittaranjan Water Resource Research
   Perform soil-pesticide sorption experiments in laboratory.

7. Hawaii-Dept of Health $30,000
   "Assessing the Microbial Quality of Potable Sources of
   Water on Neighbor Islands (Kauai)"
   Fujioka, Roger S Water Resource Research
   To determine the microbial quality of potable water on the island of Kauai.

8. Hawaii-Dept of Health $24,657
   "Report Card on Violence Prevention"
   Inazu, Judith K Social Science Rsrch Inst
   To develop a violence prevention "report card" for Hawaii.

9. Hawaii-Dept of Health $86,770
   "Immunization Focus Group Study (IN-Focus Study)"
   Niederhauser, Victoria School of Nursing
   To conduct a study among groups of parents whose children are
   not fully immunized by age twenty-four months, in accordance with
   the Advisory Committee on Immunization Practices 2003 childhood
   immunization recommendations, and shall explore barriers to
   immunization.

10. Hawaii-Dept of Land & Natural Resources $350,000
    "Field and Management Studies of Endangered Hawaiian
    Forest Birds"
    Duffy, David Botany
    Continue research to develop ways to conserve endangered
    Hawaiian forest birds.

11. Hawaii-Dept of Land & Natural Resources $25,000
    "Akiapolaau Population Research and Management Phase 2"
    Duffy, David Botany
    This project will attempt to determine the habitat of this endangered
    native Hawaiian bird and locate nests so that eggs can be removed
    for captive rearing to establish a captive population that can be
    used to reintroduce the species into areas currently unoccupied by
    the species but identified as suitable habitat.
12. Hawaii-Dept of Land & Natural Resources
"Development of a North Kona Palila Safe Harbor Agreement for Kamehameha Schools"
Duffy, David Botany
Gather data to assist the government and Kamehameha Schools in consummating a Safe Harbor Agreement (SHA) regarding the endangered Palila, a native forest bird, so that the Schools can undertake conservation measures helping the bird on its lands without suffering restrictions of the Endangered Species Act should the birds increase their occupancy of School lands in response to such efforts. The SHA essentially holds the School harmless in this regard.

13. Hawaii-Dept of Land & Natural Resources
"Eradication of Incipient Forest Pests by the Kauai Invasive Species Committee"
Duffy, David Botany
Support continued development of the Kauai Invasive Species Group, a collaborative association of civic groups trying to keep incipient invasive species from becoming established on Kauai.

14. Hawaii-Dept of Land & Natural Resources
"Sandy Substrate Analysis for Waikiki, Oahu"
Fletcher, Charles H Geology & Geophys - SOEST
To conduct a detailed study of sand fields in the region immediately offshore of the crib wall at Kuhio Beach to improve our understanding of the nearshore sand character at Waikiki for use in constructing a bid package as part of a project to restore the

15. Hawaii-Dept of Transportation
"Effect of Polymer Modified Asphalt Binders on the Performance of the Asphalt Concrete Mixes Used in Hawaii"
Archilla, Adrian Ricardo Civil Engineering
Effect of polymer modified asphalt binders on the performance of the asphalt concrete mixes used in Hawaii.

16. Hawaii-Dept of Transportation
"Instrumenting and Monitoring the Performance of the FRP Shear Strengthening of the Salt Lake Boulevard Bridge"
Riggs, H R Civil and Environmental
The project involves the instrumentation and monitoring of the fiber-reinforced polymer shear strengthening of the Salt Lake Blvd. Bridge over Halawa Stream. The bridge has experienced shear cracks, a potentially serious problem, as a result of being deficient

17. Hawaii-Dept of Transportation
"Five Year Monitoring of Corrosion Field Specimens"
Robertson, Ian N Civil and Environmental
This project involves monitoring the performance of reinforcing steel in concrete panels exposed to marine environments. Various corrosion inhibiting measures will be evaluated.

18. Hawaii-Dept of Transportation
"Soil Investigation and Soil-Structure Interaction Modeling of the Kealakaha Bridge"
Robertson, Ian N Civil and Environmental
Perform soil borings and laboratory testing to determine dynamic nonlinear soil properties. Develop nonlinear Soil-Structure Interaction model for the Kealakaha Bridge based on these properties.
FROM: Hawaii - Business and Other

1. Hawaii Electric Vehicle Demonstration Project $87,600
   "Advanced Lithium Ion Battery Testing"
   Liaw, Bor Yann Haw Nat Energy Inst -SOEST
   Test advanced lithium ion batteries for hybrid vehicle applications.

2. Malama O Puna $45,000
   "Big Island Invasive Species Rapid Response Team"
   Duffy, David Botany
   Support for efforts to control and eradicate invasive alien plant species on island of Hawaii.

FROM: Hawaii - Health Organizations

1. Kuakini Medical Cntr $97,500
   "PacGen II - Pacific Genetic Epidemiologic Study on Aging"
   Rodriguez, Beatriz L Public Health Sciences
   Conducting analysis and collaboration on scientific papers and reports as related to the subject grant.

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

1. American Chemical Society - Petroleum Res $80,000
   "Interannual to Decadal Variations of Paleoclimate in the North Central Pacific: Interpretation from a Laminated Sediment Sequence in Hawaii"
   Schoonmaker, Jane S Oceanography - SOEST
   Geological/geochemical investigation of sediments from a lake in Hawaii.

2. American Farmland Trust, Inc $73,390
   "IPM Practices to Reduce Organophosphate and Carbamate Pesticide Usage in Pineapple"
   Sipes, Brent S Plant & Environmental
   To reduce pesticide use in pineapple production.

3. United Nations Food and Agriculture Organ (FAO) $28,000
   "Contribution of Commercial Aquaculture to Food Security and Economic Growth and Development in Caribbean, Latin America and Sub-Saharan Africa"
   Leung, Ping S Molecular Biosciences &
   To develop a framework to assess the contribution of commercial aquaculture to food security and economic growth and development in selected countries of the Caribbean, Latin America and sub-Saharan Africa.

FROM: Mainland - Business

1. e-Phocus, Inc $2,500
   "Amorphous Silicon Films and Diodes"
   Rocheleau, Richard E Haw Nat Energy Inst -SOEST
   Run test on amorphous silicon films and diodes.
<table>
<thead>
<tr>
<th>#</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Inveresk Research</td>
<td>$107,118</td>
<td>&quot;A One-Year, Open, Randomized, Parallel, Three-Arm Study Comparing Exubera (Insulin Dry Powder Pulmonary Inhaler) vs. Avandia (Rosiglitazone maleate).&quot;</td>
</tr>
<tr>
<td></td>
<td>Arakaki, Richard F</td>
<td></td>
<td>Medicine- MED Multi-center one-year clinical trial examining the effect of inhaled insulin versus third oral medication in patients with Type 2 diabetes and taking two oral medications with suboptimal glucose control.</td>
</tr>
<tr>
<td>3</td>
<td>JOI Inc</td>
<td>$26,750</td>
<td>&quot;Prestack Depth Migration of New Nankai Trough Seismic Reflection Lines&quot;</td>
</tr>
<tr>
<td></td>
<td>Moore, Gregory F</td>
<td></td>
<td>Geology &amp; Geophys - SOEST This proposal is to carry out velocity analysis on a 3-dimensional seismic reflection data set across the frontal part of the Nankai Trough accretionary prism. We will then use the velocity field to determine porosities, and therefore fluid loss, of the underthrusting sediment package.</td>
</tr>
<tr>
<td>4</td>
<td>MedicalWorks Inc</td>
<td>$25,017</td>
<td>&quot;MedicalWorks Subcontract to Buddies Online Smoking Cessation Game&quot;</td>
</tr>
<tr>
<td></td>
<td>Albright, Cheryl</td>
<td></td>
<td>Cancer Research Center Assist in design &amp; evaluation of a smoking cessation game for adolescents, finalization of smoking cessation-related information and skills; monitor site facilitators as subjects are recruited, deliver 2 study conditions at a community sites.</td>
</tr>
<tr>
<td>5</td>
<td>Northrop Grumman</td>
<td>$25,000</td>
<td>&quot;Circuit Design for Intelligent RF Font Ends&quot;</td>
</tr>
<tr>
<td></td>
<td>Shiroma, Wayne A</td>
<td></td>
<td>Electrical Engineering Design and develop tunable microwave circuits for wireless communications.</td>
</tr>
</tbody>
</table>

FROM: Mainland- Other

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<thead>
<tr>
<th>#</th>
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<th>Amount</th>
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<tbody>
<tr>
<td>1</td>
<td>Black and Veatch</td>
<td>$10,000</td>
<td>&quot;HECO IRP-3: Banagrass Production and Cost Study&quot;</td>
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<tr>
<td>2</td>
<td>Environmental Defense</td>
<td>$6,500</td>
<td>&quot;Conservation of the Endangered Blackburn Sphinx Moth and its Endangered Host Plant 'Aiea&quot;</td>
</tr>
<tr>
<td></td>
<td>Rubinoff, Daniel</td>
<td></td>
<td>Plant &amp; Environmental Conservation of endangered species and cooperative land management with private landowners.</td>
</tr>
<tr>
<td>3</td>
<td>Space Telescope Science Institute</td>
<td>$57,191</td>
<td>&quot;Boron in F Stars in the Hyades - Insights into the Li-Be Dip&quot;</td>
</tr>
<tr>
<td></td>
<td>Boesgaard, Ann M</td>
<td></td>
<td>Institute for Astronomy Astronomical research on the Boron in F stars in the Hyades using the Hubble Space Telescope.</td>
</tr>
</tbody>
</table>
4. Space Telescope Science Institute
"The Physical Parameters and Stellar Winds of Hot, Massive Stars at High Metallicity: O-stars in the Andromeda Galaxy"
Bresolin, Fabio Institute for Astronomy
Astronomical research on the masses and luminosities of stars using the Hubble Space Telescope.

5. Space Telescope Science Institute
"Life in the Fast Lane: The Dark-Matter Distribution in the Most Massive Galaxy Clusters in the Universe at Z>0.5"
Ebeling, Harald Institute for Astronomy
We will obtain high-resolution images of the cores of 12 exceptional galaxy clusters at 0.5<z<0.7 as a cornerstone of a comprehensive study of the properties of the most massive clusters in the universe. Our primary goals are to measure the dark-matter distribution and to study galaxy evolution in clusters.

6. Space Telescope Science Institute
"The Masses and Luminosities of Population II Stars"
Heasley, James N Institute for Astronomy
Observations with the Hubble Space Telescope's fine guidance sensor will be used to resolve low-metallicity spectroscopic binary systems. These data will provide the first reliable mass determinations for Population II stars.

7. Space Telescope Science Institute
"The Local Hubble Flow and the Density Field within 6 Mpc"
Tully, R Brent Institute for Astronomy
Exquisite distance estimates to galaxies provided by observations with Hubble Space Telescope will lead to a better understanding of the distribution of nearby galaxies and to their motions. A study of these motions will provide information on the distribution of the matter that tugs through gravity on these systems.

8. Space Telescope Science Institute
"Optimization of the Tip of the Red Giant Branch Distance Estimator"
Tully, R Brent Institute for Astronomy
Potentially there are subtle systematic problems that could arise in distance measurements to galaxies made with the Tip of the Red Giant Branch methodology. A large amount of material germane to the problem now resides in the Hubble Space Telescope archive. This material will be used to optimize the use of the TRGB method.

FROM: U.S. Universities and Colleges

1. Univ of California- Davis
"Western Regional Center in the National Network of Plant Diagnostic Laboratories for Plant Disease and Pest Diagnosis and Surveillance"
Alvarez, Anne M College of Tropical Ag &
Address diagnostic needs for diseases and pests of plants in Hawaii and the Pacific. Report disease and pest incidence through the regional laboratory as needed.
2. Univ of New Hampshire $100,000
"University of Hawaii Targeted Winds"
Businger, Steven Meteorology - SOEST
To develop the next generation smart balloon to provide in situ targeted wind, thermodynamic, and other data in support of AIRMAP, THORpex, and hurricane research.

FROM: All Non-U.S.

1. APEC Int Ctr for Sustainable Tourism $14,000
"Tourism Risk Management in the Asia Pacific Region"
Sheldon, Pauline J School, Travel Indus Mgmt
To research and write case studies of previous disasters affecting the tourism industry and to identify, catalog, and describe web sites that provide useful recovery information for destinations in.

2. Korea Institute of Science and Technology $42,000
"Development of a Pilot Plant for Domestic Sewage Treatment and Reuse with Entrapped Mixed Microbial Cell (EMMC) Unit Process"
Yang, Ping-Yi Molecular Biosciences &
Design and operate a 5 cubic meter pilot plant study in Seoul, Korea for the treatment and reuse of domestic sewage using an Entrapped Mixed Microbial Cell (EMMC) technology developed at the University of Hawaii at Manoa. Successful application of this technology will assist local companies to manufacture and fabricate the package plant for local use and exports.

3. Sanofi-Synthelabo Recherche $98,136
"An Evaluation of the Anxyiolytic Mechanism and the Temporal Course of Antidepressant Activity of SSR411298 and SSR149415 in Naturalistic Models of..."
Blanchard, Robert J Pacific Biomed Rsrch Cntr
To conduct preclinical evaluation of novel anti anxiety and anti depressive compounds.

NON-RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Dept of Agriculture $22,905
"Pesticide Safety Education for Hawaii"
Brennan, Barry M Plant & Environmental
The program's staff will conduct short courses, develop study materials, issue newsletters, and maintain a website to encourage adoption of safe, effective pesticide use practices in Hawaii. These will complement the Hawaii Department of Agriculture's pesticide regulatory activities (including examinations and inspections), which are required by state and federal laws.

2. DA-Dept of Agriculture $1,662,297
"University of Hawai'i Statewide Agriculture Education, Training and Agribusiness Incubator Project"
Hashimoto, Andrew Coll, Trop Ag & Human Res
Consortium project lead by the UH Manoa College of Tropical Agriculture and Human Resources and including UH Hilo and all UH community college campus units that is designed to support development and installation of system capacities to support a coordinated statewide agriculture education and agribusiness incubator project.
3. DA-Dept of Agriculture
"In Support of the Annual Hawaii Conservation Conference"
Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr
To provide outreach and training to conservation specialists during the annual Hawaiian Conservation Conference.

4. DA-Dept of Agriculture
"Elucidation of Biological Functions of Nicotinic Acid in Insects through Metabolic Profiling"
Li, Qingxiao Molecular Biosciences & Elucidate nutritional effects and biochemical processes between niacin (nicotinic acid) and other nine B vitamins through metabolic profiling.

FROM: Dept of State

1. Dept of State
"Globalization Research Network - Building Focused Capacity: Health, Water, Policy, Migration"
Neubauer, Deane E Social Science Rsrch Inst
Address issues related to HIV/AIDS; water usage and urbanization affecting both health & environmental impacts; and promoting biodiversity within Central America. Research and activities focused on globalization vectors for health, migration, water and policy as manifested in mega cities.

FROM: DHHS-Dept of Health & Human Services

1. DHHS-Dept of Health & Human Services
"Hawaii Moving Forward"
Yuen, Sylvia H L Center on the Family
Build the knowledge and capacity of faith- and community-based organizations (FCBOs) in Hawaii and develop a sustainable network of support between the FCBOs and governmental, philanthropic, and academic resources.

2. National Institutes of Health
"JABSOM Chair in Native Hawaiian Health"
Cadman, Edwin C Dean's Office- MED Endowment

3. National Institutes of Health
"Master in Clinical Research"
Harrigan, Rosanne School of Medicine
Support for Training in Clinical Research.

4. NIH-Nat'l Inst of Diabetes, Digestive, Kidney
"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.

5. PHS-Health Resources and Services Admin
"Basic/Core AHEC"
Cadman, Edwin C Dean's Office- MED
The Area Health Education Center's goal is to improve the health of the underserved through education. Activities include school and community based health education, health careers recruiting & education of health care professional students in rural & underserved sites.
6. PHS-Health Resources and Services Admin $491,782
   "Cancer Research Center of Hawaii Building Grant"
   Vogel, Carl-Wilhelm Cancer Research Center
   Cancer Research Center of Hawaii planning grant for new building.

7. PHS-Health Resources and Services Admin $377,125
   "Pacific Bioterrorism Preparedness Curriculum"
   Withy, Kelley Dean's Office- MED
   Develop and implement interdisciplinary web based, problem based
   learning educational sciences for bioterrorism and national disaster
   preparedness.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric $281,809
   "Watershed Management to Protect Coastal Areas of
   Hawaii"
   Yanagida, John F Natural Resources &
   The proposed environmental demonstration project involves student
   collaboration in all phases of a watershed-based approach to
   coastal water quality management with the emphasis on (i)
   gathering background information about the watershed, (ii)
   monitoring watershed conditions, (iii) computing water quality
   goals, (iv) developing management plans to reduce pollutants and
   achieve water quality goals, and (v) utilize benefit-cost analysis to
   economically evaluate management plans.

2. DOC-Nat'l Marine Fisheries Service $8,000
   "Sea Turtle Stranding Project"
   Maynard, Sherwood D Marine Option Program - CNS
   UH students will be hired to carry phone pagers and respond to the
   public's reports of stranded sea turtles on Oahu beaches during
   night, weekend, and holiday hours. Similar activities on Maui and
   the Big Island will receive partial support from this award.

3. DOC-Nat'l Telecommunications & Information $484,977
   "PEACESAT - Public Service Telecommunications in the
   Pacific Islands"
   Okamura, Norman H Social Science Rsrch Inst
   This proposal intends to provide satellite resources, technical
   assistance, and program development support for educational,
   government, health and regional organizations in the Pacific Islands
   region.

FROM: DOI-Dept of Interior

1. DOI-Fish & Wildlife $36,980
   "CGAPS Media Plan"
   Duffy, David Botany
   Develop public service announcements to warn the public about the
   danger of alien invasive species such as miconia and brown tree
   snakes.

2. DOI-Fish & Wildlife $18,500
   "Environmental Education on the Island of Hawaii"
   Duffy, David Botany
   Environmental Education programs in public schools in Hilo, Puna
   and Hamakua.
3. DOI-Geological Survey
"Biodiversity Research Program"
Sakamoto, Clyde                              Maui CC
This cooperative agreement will allow USGS to co-locate at MCC and involve students, faculty, and staff to participate in biodiversity research and field work.

FROM: ED-Dept of Education

1. ED-Dept of Education
"Linking Quality Teacher Preparation for Higher Achievement in Secondary Science & Mathematics"
Chattergy, Virgie O                          College of Education
Recruit and prepare high quality teachers in science and mathematics from among paraprofessionals, recent graduates, mid-career professionals, and emergency hired teachers.

2. ED-Dept of Education
"Teen Literacy through Technology, Community Centers in Kalihi"
Dowrick, Peter W                             Center on Disability Studies
Provide literacy and other training to low-achieving high school students while expanding access to information technology and related training through technology centers in disadvantaged communities.

3. ED-Dept of Education
"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.

4. ED-Dept of Education
"Hui Malama o ke Kai"
Hirose-Wong, Shannon                        Medicine- MED
Program for Native Hawaiian youth and their families in the Waimanalo community designed to prevent violence in and around schools and prevent the illegal use of alcohol and drugs.

5. ED-Dept of Education
"(PREP) Pacific Related Services and Educational Paraprofessional Training Project"
Ratliffe, Katherine                         Center on Disability Studies
Provide training to paraprofessionals in related and educational services for children with low incidence disabilities in Micronesia, Northern Mariana Islands, Marshall Islands, and Palau.

6. ED-Fund for Improve Postsecondary Ed (FIPSE)
"A Collaborative Model to Improve Health Education in High Schools"
Naguwa, Gwen S                              School of Medicine
Medical School faculty and students working with high school teachers to develop and deliver health education curriculum to high school students.
7. ED-Fund for Improve Postsecondary Ed (FIPSE) $125,096
"Disability & Diversity: Demonstrating Effective Practices for Culturally & Linguistically Diverse (CLD) Students/w Disabilities to…."
Stodden, Robert A Center on Disability Studies
The proposed projects attempts to refine, develop and evaluate coordinated transition activities with each phase thus significantly increasing access, retention, and success of CLD students with disabilities in postsecondary education.

8. ED-Off of Postsecondary Ed $2,600,000
"Native Hawaiian Leadership Project"
Kaiama, C Manu College of Business Admin
To increase the retention & graduation rate of students of Hawaiian ancestry enrolled in graduate & under-graduate degree programs through financial support, counseling, mentoring & community service.

9. ED-Off of Special Ed/Rehab Services $184,000
"Pacific Partnerships for Deaf-Blind Technical Assistance Services Project"
Stodden, Robert A Center on Disability Studies
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.

10. ED-Off of Special Ed/Rehab Services $77,491
"Hawaii Project for Children and Young Adults Who Are Deaf-Blind"
Stodden, Robert A Center on Disability Studies
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.

FROM: Environmental Protection Agency

1. Environmental Protection Agency $19,480
"Environmental Education - Bioremediation for the Community"
Sylva, Traci Molecular Biosci & Biosyst
Provide information and train K-12 students and the community in environmental issues and technologies within the Ala Wai Watershed, by providing workshops to community members of the Ala Wai Watershed and work with K-12 teachers in implementing curricula, and a bioremediation demonstration project within their school or surrounding area.

FROM: National Science Foundation

1. National Science Foundation $322,000
"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.
2. National Science Foundation $75,000
"Renovation of NSF Teaching Lab"
Leong, Jo-Ann Haw Inst Marine Bio-SOEST
To renovate the classroom in the NSF building at HIMB.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration $24,000
"Eruptive Patterns of an Active Lava Dome at Santiaguito
Guatemala: A Multi Data Asset Approach Using Satellite and
Ground-Based Remote Sensing and...."
Flynn, Luke P Haw Inst Geophys & Planet
Looking at eruptive patterns of an active lava dome using various
remote sensing data both satellite and field based.

FROM: Independent Federal Agencies- Minor

1. Corporation for National and Community Service $1,344,574
"AmeriCorps: State: Formula Grant"
Watson, Isaac Office of Student Affairs
Assist the Hawaii Commission on National & Community Service in
carrying out a national service program as authorized by the
National and Community Service Act of 1990, as amended.

2. Corporation for National and Community Service $995,416
"AmeriCorps: State: Competitive Grant"
Watson, Isaac Office of Student Affairs
Assist the Hawaii Commission on National & Community Service in
carrying out a national service program as authorized by the
National and Community Service Act of 1990, as amended.

3. Corporation for National and Community Service $436,582
"Learn & Serve: K-12, Community-Based"
Watson, Isaac Office of Student Affairs
Learn and Serve Hawai'i program goals are to promote awareness
of service learning as an effective teaching and learning strategy
and a way to promote positive changes to curriculum and
instruction; to improve student learning of academic as well as
social skills; and assist students, teachers, and administrators in
collaborating with others to use service as a means of making
schools and communities better places in which to live, learn, and

4. General Service Administration $248,375
"GSA Statehood Project"
Lee, Chris Chancellor's Office
To develop a broadcast quality documentary on Hawai'i statehood
and prepare multimedia materials to educate the public leading up
to and during statehood commemoration.

5. Veteran's Administration $25,653
"Scarce Medical Specialist Services"
Hastings, James E Medicine- MED
Veteran's Administration Ambulatory Care Subspecialty Clinics
where faculty teach medical students and residents.
FROM: Hawaii- Government Agencies

1. County of Hawaii $5,000
   "Third Biennial Hawaii Agtourism Conference"
   Fleming, Kent D Tropical Plant & Soil Science
   All aspects of organizing and presenting a major conference on Agtourism in Hawaii (Sept. 4-5, 2003 at the Mauna Lani Hotel, Kohala). Conference includes (a) one day of presentations on various topics (farmers markets, the farmer-chef relationship and the Slow Food movement) of concern to farmers marketing to visitors and (b) field trips to relevant farms in the Waimea area already engaged in agtourism activities.

2. County of Hawaii $7,800
   "Development of Low Cost Methods for Production and Holding of Hawaii Salt Water Aquaculture Animals"
   Szyper, James P Sea Grant - SOEST
   Development and demonstration of a recirculating biofilter system for aquariums, using different recipes for artificial salt water, at the UH Hilo CAFNRM farm. This project is responsible only for the physical system. Later and separate fish keeping will be done by UH Hilo under its approved animal care protocols.

3. DOE-Planning & Evaluation Branch $29,063
   "Evaluation of the School Assessment Liaison Program"
   Brandon, Paul R CRDG
   Conduct a formative and summative evaluation of the School Assisted Liaison program of the Hawaii Department of Education.

4. Hawaii-Dept of Health $153,800
   "Controlling Water Contaminant at the Source by Integrated Technologies"
   Fares, Ali Natural Resources &
   This project will demonstrate the effectiveness of biological live ground covers, recycled crop residues (compost) and physical structure stabilization techniques for reducing sediment-based pollution of surface water and agrichemical contamination of groundwater. Monitor the impact of these different erosion control methods on the quality of surface and ground water in the Kaliakua-Waialua Bay, Oahu, North Shores.

5. Hawaii-Dept of Health $24,371
   "Notifiable Disease Reporting by Hawaii's Physicians"
   Foster, Lawrence C School of Law
   The first phase is to survey physicians' attitudes regarding their statutory duty of report certain diseases. The second phase is to design new materials to be sent to all physicians. The third phase is to conduct a series of statewide workshops for physicians.

6. Hawaii-Dept of Health $341,800
   "REAL: Hawaii Youth Movement Against Tobacco Use"
   Glanz, Karen Cancer Research Center
   Expand the reach of youth tobacco prevention programming; empower youth; increase knowledge and reduce tobacco use, over the years of the program.

7. Hawaii-Dept of Health $3,076
   "Developmental Disabilities Agreement"
   Matsuoka, Jon K School of Social Work
   Provide practicum instructor and student participants for the Developmental Disabilities program.
8. Hawaii-Dept of Health $725,000
"Hawaii Community Pass Project"
Stodden, Robert A Center on Disability Studies
Utilize collaborative teaming for systemic & com. improvement services; demonstrate individualized budget planning & consumer control; demonstrate support brokering coordination; provide training, technical assistance and information dissemination; determine project effectiveness, impact & sustainability.

9. Hawaii-Dept of Human Services $160,000
"Hawaii Food Stamp Nutrition Education Program"
Kanehiro, Naomi A Human Nutrition, Food &
Provide nutrition education for Hawaii's Food Stamps and Food Stamps eligible population.

10. Hawaii-Dept of Human Services $31,779
"Adult Protective Services Practicum Contract FY 2003-2004"
Matsuoka, Jon K School of Social Work
Provide practicum instructor and student participants for the Adult Protective Services program.

11. Hawaii-Dept of Land & Natural Resources $36,000
"Plant Propagation Management - Olinda Nursery"
Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr
Propagate and maintain native Hawaiian plants from the Island of Maui.

12. Hawaii-Judiciary $8,165
"Indigent Legal Assistance Fund"
Foster, Lawrence C School of Law
Provide legal services to low-income individuals to ensure equal access to justice.

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

1. HCF-Tobacco Prevention & Control Trust Fund $2,000
"2003 Tobacco National Conference on Tobacco or Health Scholarship - Mary Jane Ahrendes"
Glanz, Karen Cancer Research Center
Attend National Conference on Tobacco or Health to enhance participants' ability to provide quality program and activities in tobacco control; learn latest evidence on what works in tobacco control; learn practical ways to improve tobacco control programs and activities; renew energy and commitment to tobacco control; and exchange valuable ideas with colleagues.

2. HCF-Tobacco Prevention & Control Trust Fund $2,000
"2003 Tobacco National Conference on Tobacco or Health Scholarship - Kevin Lunde"
Glanz, Karen Cancer Research Center
Attend National Conference on Tobacco or Health to enhance participants' ability to provide quality program and activities in tobacco control; learn latest evidence on what works in tobacco control; learn practical ways to improve tobacco control programs and activities; renew energy and commitment to tobacco control; and exchange valuable ideas w/colleagues.
3. HCF-Tobacco Prevention & Control Trust Fund $2,000
"Exercise and Relational Support-based Smoking Cessation Program Tailored for College Student Smokers"
Lee, Hye-ryeon Speech
The project aims to develop, implement and evaluate an innovative smoking cessation program, incorporating exercise intervention and relational partner support, tailored for college student smokers. The project includes formative research, development of cessation program, and a thorough evaluation of the proposed program.

FROM: Hawaii- Business and Other

1. Alu Like $153,982
"Honolulu Community College - NHVEP"
Craig, Theron Honolulu CC
The project responds to the need to increase the academic and career success of native Hawaiian career/technical students by providing student services and instructional support.

2. Alu Like $109,954
"Project Ho'oulu"
Dykstra, Douglas Leeward CC
To improve vocational education services for Hawaiian natives.

3. Alu Like $110,812
"Ka 'Aina 'Ike"
Dykstra, Douglas Leeward CC
Coordinate project, develop nutrition curriculum, assemble cohort of students, provide instruction, collaborate with Co-op Coordinator for student work placement, ensure tracking, monitoring of student progress, and produce timely reports to NHVEP.

4. Alu Like $62,000
"Native Pacific Islander Fishery Observer Preparatory Training Program"
Maynard, Sherwood D Marine Option Program - CNS
Prepare Native Pacific Islanders to enter standard National Marine Fisheries Service Observer Training Program for Hawaii's long line fleet.

5. East West Center $300,514
"Student Employment Agreement"
Ching-Rappa, Myrtle Office of Student Affairs
Student Employment and Cooperative Education (SECE) will work with East-West Center (EWC) to provide students at UHM employment opportunities at EWC. SECE will provide administrative support in recruitment and payroll functions.

6. Sea Engineering, Inc $23,515
"Ocean Engineering Internship"
Cheung, Kwok F Ocean & Resources
To establish an internship in collaboration with Sea Engineering,

FROM: Hawaii- Health Organizations

1. Kuakini Medical Cntr $381
"Salary, Fringe Benefit and Malpractice Insurance Reimbursement Agreement - FY 2003"
Schatz, Irwin J Medicine- MED
Provide physician related services to Kuakini Medical Center.
FROM: Mainland- Associations, Foundation, Soc, etc.

1. Association of Universities for Rsrch in Astronomy $53,400
   "Spare Components for Adaptive Optics System - PN231189"
   Ftaclas, Christ Institute for Astronomy
   Fabrication and assembly of spare components for the adaptive optics system being developed by the Institute for Astronomy.

2. Nat'l Fish and Wildlife Foundation $10,000
   "Philopatry in the Whitetip Reef Shark, Triaenodon Obesus"
   Holland, Kim N Haw Inst Marine Bio-SOEST
   Telemetry (tracking), photo-identification, and population genetics will be used to analyze movement patterns, habitat use, and population structure of whitetip reef sharks over several scales of geography and time.

FROM: Mainland- Business

1. Freeman Foundation $132,550
   "Thailand-Hawaii Assessment of Interactive Healthcare Initiative (Thai-HI)"
   Burgess, Lawrence P A School of Medicine
   The Thai-HI project needs equipment upgrades for University and Tripler to conduct high-bandwidth audio-video-teleconferencing between Hawaii and Thailand.

FROM: Mainland- Other

1. Nat'l Research Council $15,000
   "Ford Foundation Fellowships for Minorities"
   Garrod, Peter V Graduate Division
   Cost of education awards to support award recipients.

FROM: U.S. Universities and Colleges

1. Univ of California - San Francisco $335,379
   "HIV Care Services Training & Educational Services"
   Waldron, Jane A Psychiatry- MED
   Provide HIV/AIDS Care Services Training and Educational Services to health care providers in Hawaii and South Pacific.

2. Washington State University $1,975
   "The Germ City Hand Washing Program: Clean Hands, Healthy People"
   Nakamura-Tengan, Lynn C. College of Tropical Ag &
   A multi-state hand washing education program for children and adults. The program is designed to increase awareness and improve effectiveness and frequency of Hand washing among the target population. Participants will be reached through schools, senior congregate meal sites and community fairs.

FROM: All Non-U.S.

1. Government of American Samoa $4,000
   "Pacific Island Compliance Review Officers Training"
   Rappa, Peter J Sea Grant - SOEST
   Training 5 planners from various Pacific Islands in techniques of environmental management & permit enforcement.
Funds Received from UH Foundation
NON-RESEARCH AWARDS
FROM: Hawaii- Associations, Foundations, Societies, etc.

1. Univ of Hawaii Foundation $25,000
   "CubeSat Project Fund"
   Shiroma, Wayne A College of Engineering
   To provide monies to launch a student-designed and built small
   satellite into low-earth orbit.

2. Univ of Hawaii Foundation $12,000
   "Laila Art Fellows"
   Wisnosky, John G Art
   Transfer funds to pay Laila Art Fellows their monthly stipends.
## SUMMARY

### EXTRAMURAL RESEARCH AWARDS, SEPTEMBER/OCTOBER, 2003

#### DISTRIBUTION BY SPONSORS

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**EXTRAMURAL NON-RESEARCH AWARDS, SEPTEMBER/OCTOBER, 2003**

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YEAR-TO-DATE SUMMARY

EXTRAMURAL RESEARCH AWARDS, JULY/OCTOBER, 2003

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343 $75,420,535 100.00
### YEAR-TO-DATE SUMMARY

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Total: 245 awards, $65,144,878, 100.00%
Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOA-Dept of Agriculture

1. DOA-Dept of Agriculture $25,500
   “Support of Agriculture Research FY04”
   Keith Miser UHH-Agriculture

2. DOA-Dept of Agriculture $4,167
   “Support of Agriculture Research FY03”
   Keith Miser UHH-Agriculture

3. DOA-Dept of Agriculture $243,134
   “Development of Post Harvest Technologies”
   Michael Collier UHH-Agriculture

FROM: Mainland Other

1. Space Telescope Science Institute $28,498
   “Intergalactic Globular Clusters”
   Michael West UHH-Astronomy

2. Space Telescope Science Institute $23,509
   “ACS Virgo Cluster Survey”
   Michael West UHH-Astronomy

FROM: Hawaii Government Agencies

1. County of Hawaii $14,200
   “Update/Evaluate Spatial Database”
   Barbara Gibson UHH-Social Sciences

FROM: Hawaii Business & Other

1. Bishop Museum $10,800
   “Survey of Aquatic Macro Fauna”
   John Fitzsimons UHH-Biology
NON-RESEARCH AWARDS

FROM: ED-Dept of Education

1. ED-Dept of Education $288,383
   “Upward Bound Math/Science FY04”
   Cornelia Anguary                UHH-Upward Bound

2. ED-Dept of Education $549,507
   “Native Hawaiian Serving Institution FY04”
   “Native Hawaiian Serving Institution Renovations FY03/04”
   Keiki Kawaiaea                  UHH-Distance Education & Instructional Technology

FROM: DHHS-Dept of Health and Human Services

1. DHHS-Dept of Health and Human Services (CDC) $124,170
   “Education Programs in Occupational Safety and Health”
   Stephen Worchel                 UHH-Social Science

FROM: NSF-Nat’l Science Foundation

1. Friends of Hawaii Charities $143,977
   “MRI/RUI Acquisition of an Energy-Dispersive X-Ray Fluorescence (EDXRF) Analyzer”
   Peter Mills                     UHH-Social Science
UNIVERSITY OF HAWAII AT HILO SUMMARY
EXTRAMURAL RESEARCH AWARDS, SEPTEMBER 2003 - OCTOBER 2003

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## UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

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-36- 12/12/03
DONATIONS

Mobile Care Dental Van
$270,000
Recipient: Maui Community College Dental Assisting Program
Donor: Catholic Church’s Office of Social Ministry
Donated: October 2003

The van will serve as a clinical learning facility and enable the Dental Assisting Program to extend its oral health care services to Maui communities. This was made possible by the generous donation by the Catholic Church’s Office of Social Ministry.

RECOMMENDATION: That the Board accepts with thanks the gifts and grants and ratify the actions of the administration in executing the contracts.
IV. **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**

**Managerial**

YAMASHIRO, KATHLEEN
Interim Academic Affairs Prog Off (CC)
Office of the Vice President for Academic Affairs
Reappointment
December 31, 2003 - December 30, 2004 or until the position is filled on a regular basis, whichever occurs sooner.

**UNIVERSITY OF HAWAI‘I AT MĀNOA**

**Executive**

HAYES, CHARLES F.
Interim Dean, UHM
College of Natural Sciences
Reappointment
December 17, 2003 - December 16, 2004, or until a permanent Dean is appointed, whichever occurs first.

KUDRITZKI, ROLF-PETER
Dir, Inst for Astronomy &
Int VC for Res & Grad Ed
Office of the Chancellor, UHM
Reappointment as Int VC for Res & Grad Ed

MATSUOKA, JON K.
Interim Dean, UHM
School of Social Work
Reappointment
December 17, 2003 - December 16, 2004, or until a permanent Dean is appointed, whichever occurs first.

TANAKA, PETER
Interim Dean, UHM
Outreach College
Reappointment
October 1, 2003 - September 30, 2004 or until the regular appointment of a Dean, whichever occurs sooner.
Managerial

CHISMAR, WILLIAM
Acting Associate Dean for Academic Aff
College of Business Administration
January 31, 2004 - July 30, 2004, or until
the return of the Associate Dean, whichever
occurs sooner.

COOPER, PATRICIA
Interim Associate Dean for Academic Aff
School of Ocean & Earth Science & Tech
Reappointment
December 30, 2003 - December 29, 2004 or until
a permanent Associate Dean is appointed,
whichever occurs first

DOBRY, THADDEUS
Interim Assistant Dean of Student Svcs
College of Engineering
Reappointment
December 31, 2003 - December 30, 2004,
unless sooner relieved.

GRIFFIN, PERCIVAL B.
Interim Associate Dean for Academic Aff
College of Social Sciences
Reappointment
sooner relieved

HUKILL, MARK A.
Interim Associate Dean for Academic Aff
School of Travel Industry Management
Reappointment
December 17, 2003 - December 16, 2004 or until
a permanent Associate Dean is appointed,
whichever occurs first.

KONAN, DENISE E.
Interim Asst VC for Academic Affairs
Office of the Chancellor, UHM
Reappointment
September 1, 2003 - August 31, 2004,
unless sooner relieved.

OKINAGA, CAROLYN
Interim Associate Dean for Academic Aff
Outreach College
Reappointment
November 20, 2003 - November 19, 2004,
unless sooner relieved
PEARSON, WENDY  .
Interim Univ Acad Aff Prgm Offcr
Office of the Chancellor, UHM
Reappointment
October 24, 2003 - October 23, 2004,
unless sooner relieved.

SYRMOS, VASSILIS
Interim Associate Dean for Academic Aff
College of Engineering
Reappointment
November 21, 2003 - November 20, 2004,
unless sooner relieved.

TOYAMA, JEAN
Interim Associate Dean for Academic Aff
College of Languages, Linguistics, & Literature
Reappointment
December 30, 2003 - June 28, 2004,
unless sooner relieved

Assistant Professor or equivalent

HUNTER, CYNTHIA L.
Assistant Professor & Int Dir, State Aquarium
College of Natural Sciences
Reappointment as Int Dir, State Aquarium
January 1, 2004 - December 31, 2004, or until
a permanent director is appointed, whichever
occurs first.

Emeritus

KRAUSE, LORETTA
Professor, I5
Curriculum Research & Development Group
College of Education
Upon approval by the Board

UNIVERSITY OF HAWAI'I, WEST O'AHU

Emeritus

CHAPIN, HENRY B.
Professor, I5
English
Upon approval by the Board
COMMUNITY COLLEGES

Executive

DANIEL, SHIRLEY
Interim Chancellor
Hawai‘i Community College
Reappointment
January 1, 2004 - July 31, 2004 or until
the position is filled on a regular basis,
whichever occurs sooner

SAKAGUCHI, SANDRA
Chancellor
Hawai‘i Community College
Reassignment
December 31, 2003 - June 30, 2004

Managerial

DYKSTRA, DOUGLAS
Interim Dean of Instruction
Leeward Community College
Reappointment
December 31, 2003 - December 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.

HOWARD, M. BERNADETTE
Acting Assistant Dean
Leeward Community College
Reappointment
December 31, 2003 - December 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.

KINCAID, RAMONA
Acting Director Univ of HI Center
Kaua‘i Community College
Reappointment
December 31, 2003 - December 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.
MIYASAKI, HARRIET
Interim Assistant Dean
Honolulu Community College
Reappointment
December 31, 2003 - June 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.

NONAKA, CONRAD
Program Director
Culinary Institute of the Pacific
Kapi‘olani Community College
Upon approval by the Board of Regents

PAGOTTO, LOUISE
Interim Assistant Dean
Kapi‘olani Community College
Reappointment
December 31, 2003 - December 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.

PETERSEN, JANICE T.
Interim Assistant Dean
Honolulu Community College
Reappointment
December 31, 2003 - June 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.

SINA, HELEN
Interim Dean of Instruction
Kaua‘i Community College
Reappointment
December 31, 2003 - December 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.

TAGAWA, B. MICHAEL
Interim Assistant Dean
Kapi‘olani Community College
Reappointment
December 31, 2003 - December 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.
TANIGUCHI, CHAD K.
Interim Assistant Dean
Honolulu Community College
Reappointment
December 29, 2003 - June 30, 2004, or until
the position is filled on a regular basis,
whichever occurs sooner.

UESATO, STUART
Acting Dean of Student Services
Leeward Community College
Reappointment
December 31, 2003 - December 30, 2004, or until
the incumbent returns to the position, whichever
occurs sooner.

YAMANE, NOREEN R.
Interim Dean of Instruction
Hawai‘i Community College
Reappointment
January 1, 2004 - June 30, 2004 or until
the position is filled on a regular basis,
whichever occurs sooner.

Recommendation: That the Board approve the
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 as recommended.
Resignations And Retirements Of Board Of Regents’ Appointees

Resignations

ABBOT, LAWRENCE R.
Academic Support
(Educational Specialist)
Natural Sciences
Kapi'olani Community College
August 18, 2003

AMUNDSEN, DIANA L.
Academic Support
(Educational Specialist)
Educational Technology
University of Hawai‘i at Mānoa
September 16, 2003

EDWARDS, QUINCY
Research Support
(Research Associate)
Natural Resources & Environmental Management
University of Hawai‘i at Mānoa
September 29, 2003

GIRARDEAU, LAURA E.
Junior Researcher
Information and Computer Science
University of Hawai‘i at Mānoa
July 18, 2003

HAWS, MARIA
Assistant Specialist
Sea Grant College Program
University of Hawai‘i at Mānoa
August 31, 2003

HUNDHAUSEN, CHRISTOPHER
Assistant Professor
Information and Computer Science
University of Hawai‘i at Mānoa
July 31, 2003
OSHER, LENA
Specialist
Counseling & Student Development Center
University of Hawai‘i at Mānoa
August 18, 2003

ROBERTS, LESLIE
Instructional & Student Support
(Student Services Sp)
Financial Aid Services
University of Hawai‘i at Mānoa
July 11, 2003

ROSS, HEIDI M.
Instructor
Counseling & Guidance
Honolulu Community College
September 30, 2003

THOMPSON, TOMMY
Research Support
(Research Associate)
Plant & Environmental Protection Sciences
University of Hawai‘i at Mānoa
September 30, 2003

WALSH, MARILYN A.
Info, Events & Publications
(Public Information Officer)
International Education
University of Hawai‘i, System
August 28, 2003

WONG-KIM, EVAON
Assistant Professor
School of Social Work
University of Hawai‘i at Mānoa
July 31, 2003

Retirements

CHANG, ROGER C.
Research Support
(Research Associate)
Laboratory Animal Service
University of Hawai‘i at Mānoa
August 31, 2003
V. Discussion of the Establishment of a New Program called the Academy of Creative Media

VI. 2004 Legislative Proposals
1. UOH-01 (04) Relating to University Projects
2. UOH-02 (04) Relating to the University of Hawai‘i
3. UOH-03 (04) Relating to Higher Education
4. UOH-04 (04) Relating to Agriculture
5. UOH-05 (04) Relating to the University of Hawai‘i
6. UOH-06 (04) Relating to Higher Education
7. UOH-07 (04) Relating to the Medical Education Special Fund
8. UOH-08 (04) Relating to the Center for Nursing Special Fund

VII. Discussion of the Role of the General Counsel

VIII. Discussion of the possible creation of a subcommittee of the Board of Regents to be called “Subcommittee for Board Affairs”

IX. Status Report of the Centennial Campaign for the University of Hawai‘i

X. Evaluation of an Executive Employee (systemwide Vice President)

This matter will be discussed in an executive session to consult with legal counsel and to consider the evaluation of an executive appointee, pursuant to HRS § 92-5(a)(2) and (4).

XI. University of Hawai‘i Foundation (UH Foundation)

A. Status of the Negotiation of the Memorandum of Understanding and the Agreement for Services Between the University of Hawai‘i and the UH Foundation

This matter will be discussed in an executive session to consult with legal counsel on the status of the negotiations, pursuant to HRS § 92-5(a)(4).
B. Communication from the State Auditor’s Office Regarding UH Foundation Records

_This matter will be discussed in an executive session to consult with legal counsel University’s duties with respect to the State Auditor’s letter, pursuant to HRS § 92-5(a)(4)._ 

XII. Announcements

A. Association of Government Boards’ Annual Meeting in New Orleans, Louisiana in March 2004

B. Next Board of Regents’ Meeting
   Date: January 16, 2004
   Time: 8:30 a.m.
   Place: Kapiolani Community College
   4303 Diamond Head Road
   Honolulu, Hawai’i 96816