NOTICE OF MEETINGS

Thursday, January 15, 2004

I. Committee on Academic Affairs

Time: 9:00 a.m.

Place: University of Hawai‘i at Mānoa
Campus Center Conference Chamber, Room 220
2465 Campus Road
Honolulu, Hawai‘i 96822

Agenda:
1. Establishment of the Academy for Creative Media, College of Arts and Sciences, University of Hawai‘i at Mānoa
2. Center for Genomics, Proteomics and Bioinformatics Research

II. Joint Committee on Budget and Long-Range Planning and Committee on Finance and Facilities

Time: 9:30 a.m. (or immediately following the meeting of the Committee on Academic Affairs)

Place: Campus Center Conference Chamber, Room 220
(Same as above)

Agenda:
1. Establishment of the Department of Geriatric Medicine and the Department of Complementary and Alternative Medicine, John A. Burns School of Medicine, University of Hawai‘i at Mānoa
2. 1st Quarter Budget Level Summary Report
3. Status of University of Hawai‘i - West O’ahu Campus Planning Process (information only)
4. University of Hawai‘i at Mānoa Long-Range Development Plan (information only)
NOTICE OF MEETINGS
Thursday, January 15, 2004 (Continued)

III. Joint Committee on Budget and Long-Range Planning and Committee on Academic Affairs

Time: 10:30 a.m. (or immediately following the meeting of the Joint Committee on Budget and Long-Range Planning and Committee on Finance and Facilities)

Place: Campus Center Conference Chamber, Room 220
(Same as above)

Agenda: 1. Proposed Technical Corrections to the University of Hawai‘i-West O'ahu Mission Statement

IV. Joint Committee on Committee on Community Colleges and Budget and Long-Range Planning and

Time: 10:45 a.m. (or immediately following the meeting of the Joint Committee on Budget and Long-Range Planning and Committee on Academic Affairs)

Place: Campus Center Conference Chamber, Room 220
(Same as above)

Agenda: 1. Kapi‘olani Community College Strategic Plan, 2003-2010
NOTICE OF MEETINGS

Thursday, January 15, 2004 (Continued)

V. Committee on Finance and Facilities

Time: 11:00 a.m. (or immediately following the meeting of the Joint Committee on Budget and Long-Range Planning and Committee on Community Colleges)

Place: Campus Center Conference Chamber, Room 220
( Same as above)

Agenda: 1. Lease Agreement for a Portion of the Old Honokaa Hospital at 45-547 Plumeria Street, Honokaa, Hawai‘i from Hawai‘i Health Systems Corporation

2. Status of Frear Hall Redevelopment Project (information only)

3. Appraisal of the University’s Waiakoa Property (information only)

4. Status Report - Kulamalu Project, Institute for Astronomy

5. Capital Improvements Project and Repairs and Maintenance Project Contracts for FY 2003-2004

VI. Lunch - 12:15 - 1:15 p.m.

VII. Committee on University and External Affairs

Time: 1:15 p.m. (or immediately following lunch)

Place: Campus Center Conference Chamber, Room 220
( Same as above)

Agenda: 1. University of Hawai‘i Foundation Report

VIII. Joint Committee on Personnel and Legal Affairs and Committee on Community Colleges

Time: 1:45 p.m.

Place: Campus Center Conference Chamber, Room 220
( Same as above)

Agenda: 1. Establishment of New Executive Class - Vice Chancellor, Community Colleges
NOTICE OF MEETINGS
Thursday, January 15, 2004 (Continued)

IX. Committee on Personnel and Legal Affairs

Time: 2:00 p.m.

Place: University of Hawai‘i at Manoa
Bachman Hall Conference Room 113
2444 Dole Street
Honolulu, Hawai‘i 96822

Agenda: 1. Call to Order
2. Personnel Actions Related to the Following Positions:
   a. Director, State Aquarium
   b. Associate Athletic Director for External Affairs
   c. University Academic Affairs Program Officer
   d. Tenure Review for William S. Richardson School of Law
   e. Vice Chancellors for Academic Affairs
   f. Chancellor, UH-West O‘ahu
   g. Vice Chancellor for Administrative Affairs
   h. Tenure Review for College of Agriculture, Forestry and Natural Resources Management
   i. Director of the Office of Continuing Education and Training
   j. System Director of Human Resources
   k. Director of System Administrative Affairs
   l. Executive Searches

   All personnel actions noticed above will be discussed in an executive session pursuant to HRS § 92-5(a)(2)

3. Kakaako Complex - Phase II

   This matter will be discussed in an executive session to consult with legal counsel pursuant to HRS § 92-5(a)(4)

4. Settlement of a Grievance and Lawsuit

   This matter will be discussed in an executive session to consult with legal counsel pursuant to HRS § 92-5(a)(4)

5. Collective Bargaining

   This matter will be discussed in an executive session to deliberate concerning the authority of persons designated by the board to conduct labor negotiations and to discuss matters relevant to labor negotiations pursuant to HRS § 92-5(a)(3)

6. Report on a Grievance

   This matter will be discussed in an executive session to consult with legal counsel pursuant to HRS § 92-5(a)(4)

7. Update on Executive Searches
This matter will be discussed in an executive session pursuant to HRS § 92-5(a)(2)

NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004

Time: 8:30 a.m.

Place: Kapi‘olani Community College
Tamarind Banquet Room, 2nd Floor, ‘Ohelo Building
4303 Diamond Head Road
Honolulu, Hawai‘i 96816

AGENDA

I. Call Meeting to Order

II. Approval of Minutes of the Board of Regents’ November 21, 2003 and December 12, 2003 Meetings

III. Recommendations - General - For Board Action

A-1 Establishment of the Academy for Creative Media, College of Arts and Sciences, University of Hawai‘i at Mānoa
A-2 Creation of the Center for Genomics, Proteomics and Bioinformatics Research
A-3 Establishment of the Department of Geriatric Medicine and the Department of Complementary and Alternative Medicine, John A. Burns School of Medicine, University of Hawai‘i at Mānoa
A-4 Proposed Technical Corrections to the University of Hawai‘i - West O‘ahu Mission Statement
A-5 Kapi‘olani Community College Strategic Plan
A-6 Lease Agreement for a Portion of the Old Honokaa Hospital at 45-547 Plumeria Street, Honokaa, Hawai‘i from Hawai‘i Health Systems Corporation
A-7 Capital Improvements Project and Repairs and Maintenance Project Contracts for FY 2003-2004
A-8 Establishment of New Executive Class - Vice Chancellor, Community Colleges

IV. Gifts, Grants and Contracts - For Board Action

The following gifts, grants, and contracts received during the period October 16, 2003 through December 15, 2003 total $37,302,482. Also listed is a listing of the grants, contracts and agreements acknowledged by the University of Hawai‘i at Hilo during the period October 16, 2003 through December 15, 2003 total $2,605,012.

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Dept of Agriculture
   "Nitrogen Management and Conservation Decision-Aids Development"
   Yost, Russell S Tropical Plant & Soil Science
   Developing a N management and recommendation decision-aid.
NOTICE OF MEETINGS

BOARD OF REGENTS' MEETING - January 16, 2004 (Continued)

FROM: DHHS-Dept of Health & Human Services

1. NIH-Nat'l Inst of Allergy & Infectious Diseases $1,480,467
   "Hawaii ACTU - Adult Therapeutic Clinical Trials Program"
   Shikuma, Cecilia M School of Medicine
   To test various experimental HIV drug therapies and regimens on human subjects.

2. NIH-Nat'l Inst of Child Health & Human Devlpmt $248,862
   "Importance of the Sperm Nuclear Matrix for Embryogenesis"
   Ward, W Steven Anatomy- MED
   We will study the structural organization of DNA in the sperm cell and how this contributes to proper embryogenesis in the mouse.

3. NIH-Nat'l Inst of Neurological Disorders & Stroke $226,599
   "Regulation of the N-myc Oncogene in Neuroblastoma"
   Wada, Randal Cancer Research Center
   Detection of mutations in the control region of the N-myc gene that prevent the tumor cell from turning it off and maturing in response to treatment with retinoic acid.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric $42,100
   "Warm Pool Dynamics in the Interaction Between Asian Summer Monsoon and ENSO"
   Annamalai, H JIMAR - SOEST
   The goals are to identify (i) how ENSO induces air-sea interactions in the Indo-Pacific warm pool, called the Indian Ocean Zonal Mode (IOZM), that subsequently interacts with Asian summer monsoon (ASM) and (ii) how the IOZM-ASM interaction feeds back to ENSO evolution and prediction.
2. DOC-National Oceanic & Atmospheric $128,155
   "Broadband Sonar Identification of Hawaiian Bottom Fish Species"
   Au, Whitlow  Haw Inst Marine Bio-SOEST
   Obtain data that will allow for the design of a broadband sonar that can identify deep dwelling bottom fish species from the surface.

3. DOC-National Oceanic & Atmospheric $10,000
   "Development of a Real-Time Precipitable Water Capability Using the Global Positioning System"
   Businger, Steven  JIMAR - SOEST
   Solution in real-time GPS efforts in water precipitable using the "glitches" and time variance methods.

4. DOC-National Oceanic & Atmospheric $92,376
   "A Study of Decadal Ocean-Atmosphere Interaction in the Atlantic"
   Jin, Fei-Fei  JIMAR - SOEST
   To study the roles of ocean-atmosphere interaction in shaping the patterns and selecting time scales of the Atlantic decadal climate variability.

5. DOC-National Oceanic & Atmospheric $54,627
   "Penetration of Anthropogenic CO2 in the Oceans Based on Analysis of Recent WOCE/JGOFS/OACES Carbon Data Using the Remineralization Ratios Obtained …"
   Li, Yuan-Hui  JIMAR - SOEST
   Re-evaluating the anthropogenic carbon dioxide penetration in the 3 major ocean in relation to global changes.

6. DOC-National Oceanic & Atmospheric $554,100
   "Establishment of a Data and Research Center for Climate Studies"
   McCreary, Julian P  JIMAR - SOEST
   Continue the establishment of the Asia-Pacific Data-Research Center (APDRC) within the International Pacific Research Center (IPRC) at the University of Hawai'i.
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

7. DOC-National Oceanic & Atmospheric $650,000
   "The ENSO Observing System: In-Situ Sea Level"
   Merrifield, Mark A JIMAR - SOEST
   UH Sea Level Center collects, processes, and distributes tide
gauge data around the world in support of various climate research

8. DOC-National Oceanic & Atmospheric $50,000
   "The ENSO Observing System: In-Situ Sea Level"
   Merrifield, Mark A JIMAR - SOEST
   UH Sea Level Center collects, processes, and distributes tide
gauge data around the world in support of various climate research

9. DOC-National Oceanic & Atmospheric $350,000
   "Determination of the Oceanic Habitat for Highly Migratory
   Species (HMS) from Satellite Remote Sensing and Archival
   Tagging"
   Schroeder, Thomas A JIMAR - SOEST
   Continues and expands the work done under the previous project
   on satellite remote sensing by using pop-up satellite archival tags
   attached to pelagic animals.

10. DOC-National Oceanic & Atmospheric $340,456
    "Coral Reef Management Initiative"
    Schroeder, Thomas A JIMAR - SOEST
    To establish an enhanced coral reef management presence within
    the existing NMFS, Pacific Islands Area Office (PIAO), Habitat
    Conservation Program (HCP).

11. DOC-National Oceanic & Atmospheric $2,195,500
    "Sustaining Healthy Coastal Ecosystems (JIMAR Coastal
    Research Program)"
    Schroeder, Thomas A JIMAR - SOEST
    This project will support multi-disciplinary efforts to assess,
    monitor, restore, and protect coral reef ecosystems of the U.S.
12. DOC-National Oceanic & Atmospheric $793,512
"Protected Resources: Environmental Compliance Initiative (PRECI)"
Schroeder, Thomas A JIMAR - SOEST
To establish and maintain enhanced management based on science for protected resources. Information obtained will be used to assist resource managers in decision making and directing further investigation in habitat and protected species investigation and enhance interagency cooperation.

13. DOC-National Oceanic & Atmospheric $322,776
"Sustainable Fisheries Initiative"
Schroeder, Thomas A JIMAR - SOEST
To foster the sustained optimal use of marine fishery resources and maximum protection of endangered and threatened species of the State of Hawaii and other U.S. flag islands in the western Pacific region.

14. DOC-National Oceanic & Atmospheric $19,000
"Marine Resource Dynamics and Assessment Program (MARDAP): Lobster Research Program"
Schroeder, Thomas A JIMAR - SOEST
To assess the status of lobster stocks in the Northwestern Hawaiian Islands and the impact of fisheries on these stocks.

15. DOC-National Oceanic & Atmospheric $112,800
"Transition from Experimental Climate Prediction to Operational Climate Forecasting & Information Services for the U.S. Affiliated Pacific Islands"
Schroeder, Thomas A JIMAR - SOEST
Conduct research on experimental climate prediction and impacts of interannual climate variability on the economies, cultures and public health of the U.S.-affiliated Pacific Islands.

16. DOC-National Oceanic & Atmospheric $123,750
"Pelagic Visiting Scientist Program"
Schroeder, Thomas A JIMAR - SOEST
Support of visiting scientists/researchers who will collaborate with JIMAR scientists on pelagic and other JIMAR projects.
17. DOC-National Oceanic & Atmospheric  
"Profiling Float Delayed-Mode Salinity Calibration and Ocean Climate Research"  
Schroeder, Thomas A  
JIMAR - SOEST  
Maintain a working delayed-mode salinity calibration system for U.S. Argo floats. Keeping system up and running in real-time and work on feeding back calibrated data into the U.S. Argo data  
$150,170

18. DOC-National Oceanic & Atmospheric  
"Fisheries Oceanography: Swordfish Research"  
Schroeder, Thomas A  
JIMAR - SOEST  
To support the National Marine Fisheries Service Strategic Plan elements related to sustained fisheries and recovery of protected species.  
$165,000

19. DOC-National Oceanic & Atmospheric  
"Marine Resource Dynamics & Assessment Program (MARDAP): Research Support"  
Schroeder, Thomas A  
JIMAR - SOEST  
Research support for fishery data monitoring and research operations.  
$93,853

20. DOC-National Oceanic & Atmospheric  
"Marine Resource Dynamics & Assessment Program (MARDAP): Lobster Research Program"  
Schroeder, Thomas A  
JIMAR - SOEST  
To assess the status of lobster stock in the Northwestern Hawaiian Islands and the impact of fisheries on these stocks.  
$82,147

21. DOC-National Oceanic & Atmospheric  
"Fisheries Oceanography: Hawaiian Monk Seal Program"  
Schroeder, Thomas A  
JIMAR - SOEST  
To study the relationship between environmental/oceanographic parameters in the region of the Northwestern Hawaiian Islands and demographic trends of the endangered Hawaiian Monk Seal.  
$43,000

22. DOC-National Oceanic & Atmospheric  
"Marine Resource Dynamics & Assessment Program (MARDAP): Sociocultural Profile of Pacific Islands Region Fishing Ports"  
Schroeder, Thomas A  
JIMAR - SOEST  
To develop a social and cultural data base of fishing ports and associated communities in Hawaii, Guam, Commonwealth of the Northern Marianas, and American Samoa. The goal is to provide a standard set of information for all Western Pacific fishing ports that is consistent with profiles currently being developed in other parts of the country.  
$71,500
<table>
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<th>#</th>
<th>Sponsor</th>
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<td>23</td>
<td>DOC-National Oceanic &amp; Atmospheric</td>
<td>&quot;Western Pacific Fishery Information Project (WPACFIN)&quot;</td>
<td>$103,700</td>
<td>Schroeder, Thomas A</td>
<td>JIMAR - SOEST</td>
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<td>24</td>
<td>DOC-National Oceanic &amp; Atmospheric</td>
<td>&quot;Marine Resource Dynamics and Assessment Program (MARDAP): Economics of Fisheries Initiative&quot;</td>
<td>$200,100</td>
<td>Schroeder, Thomas A</td>
<td>JIMAR - SOEST</td>
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27. DOC-National Oceanic & Atmospheric $100,000
"Oceanographic Characterization of the American Samoa Longline Fishing Grounds for Albacore, Thunnus alalunga"

Sibert, John R JIMAR - SOEST
To develop a spatial (ocean depth) and temporal (seasonal) oceanographic characterization of the fishing grounds occupied by the American Samoa longline fishery.

28. DOC-National Oceanic & Atmospheric $87,111
"Integrated Statistical Model for Hawaiian Albatross Populations"

Sibert, John R JIMAR - SOEST
To assemble a consensus version of all pertinent albatross data for an integrated statistical model for more accurate predictions of the effects of longline fishing on these bird populations.

29. DOC-National Oceanic & Atmospheric $82,400
"Incorporating Oceanographic Data in Stock Assessments of Blue Sharks and Other Species Incidentally Caught in the Hawaii-Based Longline Fishery"

Sibert, John R JIMAR - SOEST
To develop a stock assessment model of the Pacific blue shark population, a species often caught as bycatch by Hawaii longline fleets.

30. DOC-National Oceanic & Atmospheric $146,385
"Trophic Structure and Tuna Movement in the Cold Tongue-Warm Pool Pelagic Ecosystem of the Equatorial Pacific"

Sibert, John R JIMAR - SOEST
To test the hypothesis that tuna productivity in the western & central Pacific is tied to upwelling of deeper ocean waters along the equator in the central & eastern Pacific Ocean.
31. DOC-National Oceanic & Atmospheric $101,605
   "Comparisons of Catch Rates for Target and Incidentally Taken Fishes in Widely Separated Areas of the Pacific Ocean"
   Sibert, John R JIMAR - SOEST
   To determine whether intra- & interspecific catch-per-unit-effort for several pelagic fish species are correlated throughout the Pacific Ocean. Data sources from various agencies will be compiled and analyzed.

32. DOC-National Oceanic & Atmospheric $93,000
   "Submarine Canyon and Scavenger Communities in the Main and Northwest Hawaiian Islands"
   Smith, Craig R Oceanography - SOEST
   Exploration of the roles of submarine canyons as hotspots of productivity and centers of biodiversity.

33. DOC-National Oceanic & Atmospheric $1,200,000
   "Submersible Support for 'Voyage Discovery in the Pacific Ocean'"
   Wiltshire, John C HURL - SOEST
   Submersible operations in the Northwestern Hawaiian Islands for the NOAA Ocean Exploration Program.

34. DOC-National Oceanic & Atmospheric $84,990
   "Roles of Ocean-Atmosphere-Land Interaction in Shaping Tropical Atlantic Variability"
   Xie, Shang-Ping JIMAR - SOEST
   Use numerical models to study tropical Atlantic climate variability.

35. DOC-Nat'l Marine Fisheries Service $287,000
   "Climatic Change and Ecosystem Variability in the North Pacific Ocean and the Dynamics of Marine Resource Populations"
   Schroeder, Thomas A JIMAR - SOEST
   Investigate the mechanisms of climate change in the North Pacific that are relevant to variations in marine populations, especially fishery stocks and protected resources.
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
   $20,000

2. DOD-Dept of Air Force
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K  Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui
   $1,700,000

3. DOD-Dept of Army
   "Equations of State of WC, TiB2 and Related Advanced Ceramics: Phase 3"
   Manghnani, Murli H  Haw Inst Geophys & Planet
   Utilization of facility for experiments at Advanced Photon Source (APS) at Argonne National Laboratory.
   $150,000

4. DOD-Dept of Defense
   "Efficient Materials Mapping with HSI Data"
   Lucey, Paul  Haw Inst Geophys & Planet
   $39,445

5. 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.
   $44,851
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

6. DOD-Dept of Navy $99,588
"Wave Boundary Layer Processes over an Irregular Bottom"

Pawlak, Eugene Ocean & Resources
This project aims to examine the effect of bottom roughness on surface wave fields, sediment transport and nearshore water properties within the context of a coral reef. The study will relate measurements of the roughness field to observations of the wave field over a broad region along with small scale observations of turbulence over a coral reef.

7. DOD-Dept of Navy $87,041
"The Role of Bottom Variability in Mine Burial Prediction"
Wilkens, Roy H Haw Inst Geophys & Planet
Development of mine burial probability models.

8. DOD-Dept of Navy $630,000
"Development of a Semi-Autonomous Underwater Vehicle for Intervention Missions (SAUVIM)"
Yuh, Junku Mechanical Engineering
Research development and testing of autonomous underwater robotic vehicles and its associated technologies.

FROM: DOI-Dept of Interior

1. DOI-Fish & Wildlife $10,000
"Testing a Method for the Removal of the Invasive Alga Avrainvillea amadelpha from Hawaiian Seagrass Habitats"

Smith, Celia M Botany
A siphonous-green alien alga is invading seagrass meadows with the potential to exclude our native endemic species Halophila hawaiiana. We propose to test an initial method for management of Avrainvillea amadelpha.

FROM: Agency for International Development

1. Agency for International Development $3,770,724
"Hawaii-Iraq Partnership for Revitalizing Agricultural Education and Development"

El-Swaify, Samir Natural Resources &
Revitalization of agricultural education and research in Iraq by bringing Iraqi graduate students, postdoctoral fellows, and faculty to UH to do research in the College of Tropical Agriculture and Human Resources.
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

2. Agency for International Development $1,800,000
   "Soil Management CRSP"
   Uehara, Goro Tropical Plant & Soil Science
   Research activities will focus on overcoming the low accessibility to
   existing knowledge and information on sustainable natural
   resource management and soil management to improve currently
   low adoption rate of technology by resource-poor households.
   FROM: National Science Foundation

1. National Science Foundation $92,165
   "What are the Parental Magma Compositions for Historical
   Kilauea Lavas?"
   Garcia, Michael O Geology & Geophys - SOEST
   Determine and explain the causes of compositional variation for
   historical Kilauea lavas.

2. National Science Foundation $150,000
   "A Time-Series Study of Ocean Climate in the North Pacific
   Subtropical Gyre"
   Lukas, Roger B Oceanography - SOEST
   Observing and understanding ocean-climate related processes in
   the North Pacific subtropical gyre.

3. National Science Foundation $68,000
   "Hawaii Ocean Mixing Experiment (HOME): Near-Field
   Program: Moored Measurements of Tidal Oscillations"
   Luther, Douglas S Oceanography - SOEST
   In situ measurements of currents and water density variations are
   to be acquired around Hawaii to determine the magnitude of
   oceanic tidal variability and its effect on oceanic mixing well below
   the sea surface.

4. National Science Foundation $85,000
   "Hawaii Ocean Mixing Experiment (HOME): Historical Data
   Analysis Program - U. Hawaii Contribution"
   Luther, Douglas S JIMAR - SOEST
   The broad intent of this work is to shed light on the processes that
   mix heat downward from the ocean's surface into the abyss.
5. National Science Foundation $29,000
"Compressibility and Structure of Silicate Materials at High Pressure"
Manghnani, Murli H Haw Inst Geophys & Planet
Silicate material structure.

6. National Science Foundation $243,000
"Collaborative Research: Comparative Study of Alkenone Production and Productivity in Contrasting Surface Water Environments in the North Pacific Ocean"
Popp, Brian N Geology & Geophys - SOEST
To understand the growth of certain photoplankton in the Pacific Ocean.

7. National Science Foundation $421,000
"Collaborative Research: Kuroshio Extension System Study (KESS)"
Qiu, Bo Oceanography - SOEST
This is a collaborative proposal with URI and WHOI to jointly study the dynamics and thermodynamics of the Kuroshio Extension System.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration $25,000
"Operation, Maintenance and Engineering Development at Mt. Haleakala, Maui, Hawaii"
Kudritzki, Rolf-Peter Institute for Astronomy
Operation, maintenance and engineering development of the Laser Ranging Station (LURE) Facility at Haleakala.

2. Nat'l Aeronautics & Space Administration $50,000
"Operation, Maintenance and Engineering Development at Mt. Haleakala, Maui, Hawaii"
Kudritzki, Rolf-Peter Institute for Astronomy
Operation, maintenance and engineering development of the Laser Ranging Station facility at Haleakala.
3. Nat'l Aeronautics & Space Administration $50,000
"Operation, Maintenance and Engineering Development at Mt. Haleakala, Maui, Hawaii"
Kudritzki, Rolf-Peter Institute for Astronomy
Operation, maintenance and engineering development of the Laser Ranging Station (LURE) Facility at Haleakala.

4. Nat'l Aeronautics & Space Administration $9,900
"X-ray Emission from Young Brown Dwarfs in the Sigma Orionis Association"
Martin, Eduardo Institute for Astronomy
Martin is a US-based Co-I, who will conduct ground based observations to compliment XMM observations. The goal is to study magnetic activity of young objects. These observations could lead to the first X-ray detection of objects close to the primary mass limit and help discriminate between BDs and planets in this

5. Nat'l Aeronautics & Space Administration $39,903
"NASA International DB Meeting: Hapuna Beach Prince Hotel, Big Island"
Nielsen, Torben N Haw Inst Geophys & Planet
University of Hawaii is hosting the next NASA International EOS Direct Broadcast Meeting from November 12-20, 2003 on the island of Hawaii and provides complete local support.

6. Nat'l Aeronautics & Space Administration $3,625
"Additional Measurement and Sixth Flight for the HELIOS Mishap Investigation"
Stevens, Duane E Meteorology - SOEST
Extend current NASA-sponsored research by adding a sixth aircraft flight and a digital compass.

7. Nat'l Aeronautics & Space Administration $27,709
"Novel Techniques for Fast CMB Analysis"
Szapudi, Istvan Institute for Astronomy

8. Nat'l Aeronautics & Space Administration $141,000
"Search for Near Earth Objects with Small Aphelion Distances"
Tholen, David J Institute for Astronomy
Data acquisition and analysis of near earth objects using ground based observations at Mauna Kea and Steward Observatories.
NOTICE OF MEETINGS

BOARD OF REGENTS' MEETING - January 16, 2004 (Continued)

FROM: Hawaii- Government Agencies

1. County of Maui $9,000
   "Beach Assessment Program Implementation to Support Dr. Andy Short"
   Fletcher, Charles H Geology & Geophys - SOEST
   To plan and implement a beach assessment program to determine and evaluate the location of ocean safety resources through an inventory of all beach areas.

2. DOH-Community Health Division $24,968
   "Feasibility in Incorporating Physical Activity and Nutrition Education Interventions into an After School Program as a Method of Achieving Healthy...."
   Maeda, Julienne Kinesiology & Leisure Sci
   Using physical activity and nutrition education as a means to influence healthy body weights in children who participate in an after school program.

3. Hawaii-Dept of Agriculture $25,000
   "Development of New Foliage Cultivars for the Hawaii Commercial Foliage Industry, with Emphasis on Dracaena"
   Leonhardt, Kenneth W Tropical Plant & Soil Science
   Make Dracaena hybrids through traditional breeding methods. Select superior progeny. Field test. Increase and release new materials.

4. Hawaii-Dept of Agriculture $10,000
   "Agricultural Marketing In Hawaii"
   Nakamoto, Stuart T Human Nutrition, Food &
   Identify goals for marketing agricultural products and successful strategies and techniques used by industry; demonstrate use of and assist industry to adopt the practices.

5. Hawaii-Dept of Agriculture $30,578
   "Pineapple Nematode Management"
   Sipes, Brent S Plant & Environmental
   Evaluate new products and sunn hemp cover crops for nematode control in pineapple.
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

6. Hawaii-Dept of Agriculture
"Biology and Control of Micro-Lepidoptera on Pineapple"
Wright, Mark G Plant & Environmental
Determine the biology of the micro-Lepidoptera associated with pineapple damage, including life-cycles, seasonal occurrence, pineapple variety preference and geographical distribution. Quantify mortality factors currently acting on populations of the moths in pineapple.

7. Hawaii-Dept of Health
"Health Requirement Assessment in Post-Secondary Schools: Validation Survey of Student Immunizations in Hawaii’s Colleges and Universities"
Horvath, Violet School of Social Work
Check sample of students in all Hawaii post-secondary schools to see if students are receiving required tuberculosis tests and two measles shots before entering school. See what schools do when students are not in compliance. Check a subsample of students about natural resistance to or vaccination for Hepatitis B.

8. Hawaii-Dept of Land & Natural Resources
"Landowner Assistance Program and Safe Harbor for Endangered Species"
Duffy, David Botany
Work with State Dept. of Land and Natural Resources, U.S. Fish and Wildlife Service to continue to develop and assess 100+ private landowner conservation programs active in state of Hawaii, including Safe Harbor Agreements under the Endangered Species

9. Hawaii-Dept of Land & Natural Resources
"Eradication of Incipient Forest Pests on Kauai: Phase 2 Supplement"
Duffy, David Botany
Assistance for the organization of community groups on Kauai as the Kauai Invasive Species Group to prevent the establishment of incipient invasive species.

10. Hawaii-Dept of Land & Natural Resources
"Kauai Alien Pest Plant Response Effort - Phase 3"
Duffy, David Botany
Continue work with the Kokee Resource Conservation Program to involve civic groups and volunteers in surveying, mapping and treating alien invasive plants on Kauai.
11. Hawaii-Dept of Land & Natural Resources $97,000
"Oahu Invasive Weed Research: Phase 3"
Duffy, David Botany
To continue applied research and control of invasive weeds on the island of Oahu.

12. Hawaii-Dept of Land & Natural Resources $55,000
"Threatened and Endangered Species Recovery: Kauai, Phase 8"
Duffy, David Botany
Research on growing endangered Kauai native plant species in nursery settings.

13. Hawaii-Dept of Land & Natural Resources $180,000
"Forest Health Program: Suppression of the Noxious Weed Miconia calvescens: Island of Maui: FY 04"
Duffy, David Botany
Continued support for applied research and management on Maui's invasive alien weed species.

14. Hawaii-Dept of Land & Natural Resources $23,792
"Hawaiian Ecosystems: Management and Education: Koolau Watershed: Phase 9"
Duffy, David Botany
Monitor effects of fencing and commercial hunting in the Koolau Watershed.

15. Hawaii-Dept of Land & Natural Resources $40,000
"Small Scale Field Conservation Efforts for Oahu Endangered Native Plants"
Duffy, David Botany
Small scale field conservation of Hawaiian endangered plant species on Oahu to allow their continued existence and study for future remedial actions.

16. Hawaii-Dept of Land & Natural Resources $16,650
"Oahu Wildlife - Offshore Island Seabird Sanctuary Research and Management"
Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr
To provide services for wildlife management and to enhance the survivorship and productivity of seabirds on Oahu offshore island seabird sanctuaries.
17. Hawaii-Dept of Land & Natural Resources $54,000
"Tissue Culture, Propagation and Storage for Critical Plant Species"
Sugii, Nellie C Lyon Arboretum
To expand the current tissue culture, propagation, and storage of all endangered Hawaiian plants possible. Emphasis will be placed on the "Genetic Safety Net" species in efforts to achieve complete genetic safety net coverage for these living critically endangered taxa of Hawaiian plants, including capture of the maximum genetic diversity remaining in wild populations.

18. Hawaii-Dept of Transportation $75,000
"State of Hawaii Vehicle Occupant Protection Studies"
Kim, Karl E Urban & Regional Planning
Observational studies of seat belt use, child restraints, truck bed occupant use, bicyclists, moped riders and motorcyclists helmet use and handheld cellular phone use; statistical analysis of data.

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

1. HCF-G.F. Straub Trust $49,837
"Mechanical and Infection Pathways to Preterm Birth"
Bryant-Greenwood, Gillian Pacific Biomed Rsrch Cntr
To show that pre-B cell colony enhancing factor occupies a central position at the convergence of the mechanical and infection pathways to preterm birth.

2. HCF-G.F. Straub Trust $12,000
"Understanding NR2E3 Function: A Nuclear Receptor Involved in Photoreceptor Differentiation and Degeneration"
Robinow, Steven N Zoology
The fruit fly Drosophila melanogaster will be used to study the role of the NR2E3 gene in photoreceptor development and function. In humans, NR2E3 is involved in photoreceptor differentiation and retinal degeneration, but the mechanism of action is not known.
3. HCF-Geist Foundation $48,101
"Utilizing the Yeast Two-Hybrid (Y2H) System to Define Specific Interactions between P. falciparum Merozoite Surface Protein-1.42 (MSP-1.42) & Host…"
Chang, Sandra P Trop Med - Med Micro- MED
This project is intended to identify novel interactions between a malaria surface protein and human proteins that may lead to better treatments and vaccines for malaria.

4. HCF-Geist Foundation $8,000
"Understanding NR2E3 Function: A Nuclear Receptor Involved in Photoreceptor Differentiation and Degeneration"
Robinow, Steven N Zoology
The fruit fly Drosophila melanogaster will be used to study the role of the NR2E3 gene in photoreceptor development and function. In humans, NR2E3 is involved in photoreceptor differentiation and retinal degeneration, but the mechanism of action is not known.

5. HCF-Geist Foundation $50,000
"Azh/Azh Mutant Mice - A Model for Human Infertility"
Ward, Monika Anatomy- MED
I will evaluate the pattern of inheritance of a specific (azh) mutation, fertility and overall normality of successive generations of azh mutant mice produced by intracytoplasmic sperm injection (ICSI). I will also examine feasibility of ICSI used as a fertilization method to model treatment of human infertility in assisted reproduction.

6. HCF-Hawaii Community Foundation - General $44,625
"Molecular Regulation of Asymmetric Segregation of Developmental Regulatory Genes in Identified Embryonic Cells"
Seaver, Elaine Pacific Biomed Rsrch Cntr
Identification of molecular mechanisms regulating asymmetric cell division during early development in a polychaete annelid.

7. HCF-Ingeborg V.F. McKee Fund $16,212
"Infrastructure Support for Establishing an Autonomic Function Testing: A Collaboration with the Mayo Clinic"
Grandinetti, Andrew Pacific Biomed Rsrch Cntr
This project request funds for infrastructure support to develop an autonomic function testing laboratory in Hawaii in collaboration with the Mayo Clinic.
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

8. HCF-Ingeborg V.F. McKee Fund
   "Role of Lysyl Oxidase in Angiogenesis: A Novel Target for Anti-Cancer Therapy"
   Li, Ping An Pacific Biomed Rsrch Cntr
   The object of this project is to study the signaling pathways by which lysyl oxidase, an extracellular matrix enzyme promote

9. HCF-Ingeborg V.F. McKee Fund
   "Programmed Cell Death and Cancer Progression"
   Patek, Paul Q Microbiology
   The work proposed is to analyze cell lineages comprised of cloned cell line that are normal, intermediate between normal and cancerous and cancerous. Our analyses will focus on the susceptibility of the cell lines to host protective mechanisms that may cause programmed cell death.

10. HCF-Ingeborg V.F. McKee Fund
    "Regulation of an Oncogenic Signaling Pathway"
    Wikramanayake, Athula H Zoology
    This proposal seeks to identify critical proteins that regulate a cellular signal transduction pathway that is a major cause of several types of cancers.

11. HCF-Robert C. Perry Fund
    "Mechanism of Elastic Fiber Calcification in MRP6 Deficiency"
    Girton, Richard Medicine- MED
    The overall objective of this proposal is to study a novel mechanism that contributes significantly to hardening of the arteries.

12. HCF-Robert C. Perry Fund
    "Antibody Reactivity in Acute Rheumatic Fever Patients to Recombinant Expressed M Proteins from Group A Streptococcal Strains Common in Hawaii"
    Hawaii has one of the highest incidences of acute rheumatic fever, a disease triggered by certain streptococcus strains. We propose to identify these strains by mapping the streptococci exposure profiles of rheumatic and non-rheumatic children using an antibody assay against a strain-specific protein expressed by recombinant
13. HCF-Tobacco Prevention & Control Trust Fund  $63,900
   "Tobacco Prevention for Hawaii's Multiethnic Youth"
   Glanz, Karen  Cancer Research Center
   To prevent youth in Hawaii from initiating tobacco use through
   activation, participatory, and involvement in a school-based
   intervention.

FROM: Hawaii- Business and Other

1. Hawaii Alliance for Arts Education  $114,777
   "Evaluation and Research Services Provided to the Arts in
   Education Model Development and Dissemination"
   Brandon, Paul R  CRDG
   Evaluation of an elementary arts-education program, in three
   randomly selected schools, with data also collected in three
   matching comparison groups.

2. Hawaii Biotechnology Group, Inc  $237,079
   "Development of Natural Product and Combinatorial
   Synthetic Lead Compounds for Anti-Anthrax/Botulinum
   Bacterial Proteinase Pharmaceuticals"
   Humphreys, Tom D  Pacific Biomed Rsrch Cntr
   Prepare extracts from Hawaiian marine and land organisms to test
   for compounds that inhibit the protease toxins that cause Anthrax
   and botulinum poisoning in order to find lead molecules for
   developing a drug against these organisms and their toxins.

3. Hawaii Council for the Humanities  $4,598
   "Developing a Computerized Database System for the
   Excavated Materials from the Nu'alolo-kai Site, an Ancient
   Hawaiian Settlement on the Island of ……"
   Graves, Michael W  Anthropology
   Development and completion of a computerized database to
   inventory and describe archaeological materials from the site at
   Nu'alolo-kai, Kauai, one of the most significant collection of cultural
   remains in the Hawaiian Islands.

4. Hawaiian Commercial & Sugar Co  $49,961
   "Technical Support for Hawaiian Commercial & Sugar Co.
   Energy Assessment"
   Turn, Scott Q  Haw Nat Energy Inst -SOEST
   Make measurements to assess boiler efficiencies and provide
   recommendations for improvements. Model the sugar factory
5. Marine Aquarium Council $6,385
   "Hawaiian Coral Reef Ecosystems Conservation through a Sustainable Marine Aquarium Trade"
   Birkeland, Charles Hawaii Coop Fishery
   To assist TNC-Hawaii, CCN and MAC in working with collectors, wholesalers and other relevant stakeholders to implement MAC Certification on Kona Coast, Hawaii.

6. Oceanit Laboratories, Inc $7,791
   "Plankton Community Biomass and Composition in Mamala Bay, Oahu (RASP III, September 2003)"
   Landry, Michael R Oceanography - SOEST
   Extends funding for plankton community analyses as part of the US Navy study of remote (satellite) sensing of the sewage effluent plume in Mamala Bay.

7. P&R, LLC $116,350
   "Purification of White Spot Virus from WSV-Infected Shrimp and Isolation of RNA Therefrom"
   Sun, Piera S Pacific Biomed Rsrch Cntr
   To isolate and study the white spot virus through gene coding on target proteins for the potential production of virus resistant transgenic shrimp.

8. Pacific Carbon & Graphite LLC $980,000
   "Biocarbon Fuel Cell Demonstration"
   Antal, Michael J Haw Nat Energy Inst -SOEST
   Assemble & test a fuel cell that electrochemically "burns" charcoal & directly generates electricity.

9. Papa Ola Lokahi $21,344
   "Imi Hale Native Cancer Research and Training Network"
   Gotay, Carolyn C Cancer Research Center
   This study will examine the use of complementary and alternative medicine (CAM) in cancer patients from a primarily Asian and Pacific Islander population. The overall aim is to understand predictors of CAM use and effects of CAM use in Asian and Pacific Islander minorities.
10. Research Corp, University of Hawaii  
   "Kia'i Kai (Guardians of the Sea) Project: Development of Cultural Curriculum for the Northwest Hawaiian Islands"
   
   Kame'elehiwa, Lilikala  Hawaiian Studies- SHAPS

   Research Northwest Hawaiian Islands from the Hawaiian point of view, in archives & in consultation w/Hawaiian protocol experts, develop curriculum & courses, train teachers.

11. Research Corp, University of Hawaii  
   "State Planning Grant Program - Supplemental Grant Funds"
   
   Russo, Gerard G  Social Science Rsrch Inst

   Continue to perform research and analysis to characterize the uninsured and conduct economic modeling.

FROM: Hawaii- Health Organizations

1. Kuakini Medical Cntr  
   "Pacific Genetic Epidemiology Study on Aging"
   Ceria, Clementina D  Nursing

   To explore the genetics of aging, specifically, to investigate the genetic factors associated with long life and maintenance of functional ability (e.g., cooking, eating, grooming, walking) in the elderly.

2. Pacific Health Research Institute  
   "Risk Factors for Pathological Markers - Parkinson's Disease"
   
   Hardman, John M  Pathology- MED

   Pacific Health Research Institute wishes to purchase the staff time of John Hardman, MD., a University of Hawaii employee, to conduct research relating to Parkinson's Disease.

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

1. United Nations Food and Agriculture Organ (FAO)  
   "Comparative Advantage of Selected Commercial Aquaculture Species in the 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.
BOARD OF REGENTS' MEETING - January 16, 2004 (Continued)

FROM: Mainland- Business

1. 21st Century Systems, Inc $24,730
   "Cultural Differences Modeling"
   Chai, Sun-Ki Sociology
   Developing computational model of cultural differences for use in
decision-support software. Testing and evaluating of model for proof
of concept.

2. BiophoriX, Inc $790,540
   "BIOPHORIX - University of Hawaii Collaborative Research
   Agreement"
   McClatchey, Will C Botany
   Collection and chemical analysis of non-native ornamental, weedy,
and widespread plants. These will be tested for their potential as
treatments for human diseases.

3. Boeing Aerospace Co $29,500
   "Integrated Vehicle Health Management (IVHM) using
   Multiple-Model Adaptive Estimation"
   Syrmos, Vassilis L Electrical Engineering
   This project supports integration and demonstration of selected
algorithms in a ground based Integrated Vehicle Health
Management System.

4. Boeing Aerospace Co $30,000
   "Integrated Vehicle Health Management (IVHM) using
   Multiple-Model Adaptive Estimation"
   Syrmos, Vassilis L Electrical Engineering
   This project supports integration and demonstration of selected
algorithms in a ground based Integrated Vehicle Health
Management System.

5. Chiron Corporation $53,806
   "CRCH 0305: An Open-Label Phase II/III Study of Rituximab
   in Combination with Recombinant Human IL-2 (IL-2) for
   Relapsed Low-Grade or Follicular …"
   Issell, Brian F Cancer Research Center
   A Clinical Research Associate (CRA) will review patient medical
records to determine study eligibility, assist with the informed
consent process, enroll patients on study, monitor all
treatment/toxicities, submit completed data forms, and answer all
queries to the study sponsor or its appointed representative.
6. Compact Membrane Systems, Inc $5,000
   "Research Funds for Biofouling"
   Hadfield, Michael G Pacific Biomed Rsrch Cntr
   Coated membrane testing in flowing seawater.
7. 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.
8. General Growth Properties, Inc (GGP) $89,869
   "Oil and Grease Pilot Program"
   Moreland, Victor Water Resource Research
   Evaluate oil and grease content in grease trap effluent and
domestic wastewater at a specified location. See attachment
9. NeurogesX, Inc $25,000
   "A Controlled Dose Finding Study of NGX-4010"
   Valcour, Victor G School of Medicine
   To test if Protease Inhibitor drugs have an immediate effect on the
autonomic nervous system and to test the validity of a
questionnaire against actual measured autonomic function scores
in people with HIV infection.
10. Northrop Grumman $25,000
    "Advanced-Electronic Materials Reliability Project"
    Hihara, Lloyd H Mechanical Engineering
    Studying reliability and corrosion behavior of advanced electronics
systems.
11. Northrop Grumman $25,000
    "The Study of Transport in Heterostructure Devices, MEMS,
    and Applications"
    Lubecke, Victor Electrical Engineering
    Perform fundamental research on quasi-optical components with
MEMS control and reconfiguration for communications and radar
applications.
12. Northrop Grumman $25,000
"Advanced MMIC Technology"
Shiroma, Wayne A Electrical Engineering
Investigate novel circuit architectures for space applications.

13. Pangolin Pictures, Inc $22,551
"Submersible Support for 'Lo‘ihi Seamount: A Film Documentary'"
Wiltshire, John C HURL - SOEST
To conduct one submersible dive for a photographic survey of Lo‘ihi Seamount in December 2003.

14. Raytheon Company $75,000
"Low Cost MMW Phase Shifter"
Iskander, Magdy F HCAC (HI Ctr for Advanced
Investigate the effect of placing a metal bias coil of varying dimensions around the ferrite phase shifter for biasing the ferrite material. Also, the ferrite phase shifter model will be scaled down and re-designed (as needed) to operate at higher frequencies.

15. Raytheon Company $153,925
"Remote Sensing Data Products for Disaster Managers in the Western Pacific"
Mouginis-Mark, Peter J Haw Inst Geophys & Planet
We are developing image products from satellite images that will be used by disaster managers in the western Pacific.

16. Science Applications International Corp $66,080
"Airborne Hyperspectral Imager Support to SAIC Data Collection"
Lucey, Paul Haw Inst Geophys & Planet
Field AHI, support team for data collection.

FROM: Mainland- Health Organizations

1. Southwest Oncology Group $11,200
"Study E1199"
Issell, Brian F Cancer Research Center
As a ancillary funding program, a fixed price of not more than $400 for each eligible registration will be paid.
FROM: Mainland- Other

1. American Floral Endowment  
   "Ornamental Gingers as Flowering Potted Plants"  
   Criley, Richard A  
   Tropical Plant & Soil Science  
   We propose to develop cultural information to produce potted tropical gingers. We will compare tissue cultured versus rhizome starting materials, devise dormancy-breaking strategies to time crops, develop a fertilization program, and evaluate new species for their suitability as potted plants.

2. Bermuda Biological Station for Research  
   "Collaborative Research: Constraining the Temporal Resolution and Geochronology of Holocene Sediment Records from the Antarctic Continental Shelf…"  
   McMurtry, Gary M  
   Oceanography - SOEST

3. Dolphin Quest  
   "Investigation into Dolphin Physiology"  
   Whittow, G Causey  
   Physiology- MED  
   Development of ultrasound technology to measure mammary glands and fat layer thickness in dolphins. Analysis of reproductive and stress hormones in dolphins for greater understanding of reproduction and lactation.

4. Harvard-Smithsonian Astrophysical Observatory  
   "Velocity Structure and Plasma Parameters of Halo CMEs"  
   Li, Jing  
   Institute for Astronomy  
   Data from the Yohkoh and SOHO satellites will be analyzed and reduced to determine the physical parameters of the solar plasma such as emission measures and temperature with regards to various elemental abundances and emissivity models.

5. Jet Propulsion Lab  
   "In Situ Tide Gauges/GPS Stations for Monitoring the Temporal Drift of Satellite Altimeters"  
   Merrifield, Mark A  
   JIMAR - SOEST  
   Provide in situ sea level measurements corrected for vertical land motion, which are used to monitor temporal drifts in satellite altimeter observation.
6. Jet Propulsion Lab $10,000
"Co-Investigator for the Aerosol Collector and Pyrolyser (ACP) Investigation During the MO&DA Phase of the Cassini Mission"
Owen, Tobias Institute for Astronomy

7. Jet Propulsion Lab $30,000
"Interdisciplinary Scientist During the Mission Operation and Data Analysis (MO&DA) Phase of the Cassini Mission"
Owen, Tobias Institute for Astronomy

8. Los Alamos National Laboratories $55,000
"Cosmic Ray/Atmosphere ZeV Interaction"
Gorham, Peter W Physics & Astronomy
Modeling and analysis of data from Los Alamos FORTE satellite for investigation of ultra high energy cosmic ray interactions.

9. Space Telescope Science Institute $9,009
"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.

10. Space Telescope Science Institute $4,200
"HH110: Collision Between a Jet and a Cloud"
Reipurth, Bo Institute for Astronomy
Study short-lived event when a high-velocity protostellar outflow collides with a dense molecular cloud core using images obtained from the Hubble Space Telescope and observations at Mauna Kea observatories.

11. Space Telescope Science Institute $8,634
"An ACS/WFC H-alpha Survey of the Orion Nebula"
Reipurth, Bo Institute for Astronomy
We plan to conduct a survey of the Orion Nebula using 2 instruments on the Hubble Space Telescope. This survey will sample the majority of young stars and circumstellar environments in the extended Trapezium cluster of 2,000 low-mass stars.
12. Space Telescope Science Institute $110,550
"The COSMOS 2-Degree ACS Survey"
Sanders, David B Institute for Astronomy
This proposal is part of a large imaging survey trying to understand the interplay between large scale structure (LSS) evolution and the formation of galaxies dark matter and active galactic nuclei. This project will be the Hubble Telescope's ultimate legacy for understanding the evolution of both the visible and dark universe.

13. Space Telescope Science Institute $31,013
"Spectroscopy in the Inner Region of the 3C 48 Host Galaxy"
Stockton, Alan N Institute for Astronomy
There is a curious bright region in the host galaxy of the quasar 3C48, just 1 arcsecond from the quasar. This project aims to determine the nature of this feature by obtaining spectroscopy.

14. Woods Hole Oceanographic Inst $59,474
"Subcontract to WHOI for Seamount Surveys of Deep-Water Coral Distributions as Related to Geological Setting in the Northwestern Hawaiian Islands"
Smith, Jr, John R HURL - SOEST
Explore, characterize, map, and analyze the fauna and geology of three seamounts in the Northwestern Hawaiian Islands through a multidisciplinary project using manned and robotic submersibles and ship-based multibeam sonar operated by the Hawaii Undersea Research Laboratory.

FROM: U.S. Universities and Colleges

1. Purdue University $13,827
"Improving Bone Health in Adolescence Through Targeted Behavioral Intervention"
Novotny, Rachel Human Nutrition, Food &
The objective of this study is to increase bone health in adolescence girls by implementing DVD lessons in school
2. Purdue University $9,528
"Improving Bone Health in Adolescence Through Targeted Behavioral Intervention"
Novotny, Rachel Human Nutrition, Food &
The objective of this study is to increase bone health in adolescence girls by implementing DVD lessons in school

3. Univ of California- Davis $52,500
"Pesticide Testing"
Kawate, Michael K Plant & Environmental
Pesticide testing, involving field trials for efficacy evaluation and residue sample generation and collection.

4. Univ of California- Los Angeles $200,001
"CTO-Phase 2, Double-Blind, Placebo-Controlled Trial of Bupropion for the Treatment of Methamphetamine Dependence - CTO Project 0008"
Haning III, William F Psychiatry- MED
Participate in the performance of the "CTO-Double-Blind, Placebo-Controlled Trial of Bupropion for the Treatment of Methamphetamine Dependence" study, as a subinvestigator.

5. Univ of California- Los Angeles $25,299
"Double-Blind, Placebo-Controlled, Dose Response Trial of Ondansetron for the Treatment of Methamphetamine Dependence"
Haning III, William F Psychiatry- MED
Amendment No. 3 provides an increase of funds by $25,299. New award amount is $304,275.

6. Univ of Connecticut $68,531
"Cannabimimetic Ligands and Endocannabinoid Sites"
Tius, Marcus A Chemistry
To prepare bifunctional molecules to evaluate a mechanism of action for a drug.

7. Univ of Connecticut $60,000
"Cannabinergic Ligands and Drugs"
Tius, Marcus A Chemistry
To develop methods for the efficient chemical preparation of a series of organic molecules that are of interest in medicinal
8. Univ of Illinois $1,000
   "McCullough's Robotic CCD Camera System"
   Heasley, James N Institute for Astronomy
   Robotic CCD Camera System to detect planets orbiting around

9. Univ of Maryland $350,000
   "Alliance Coastal Technology - UH SOEST"
   Atkinson, Marlin J Haw Inst Marine Bio-SOEST
   Test, evaluate sensors for national coastal monitoring.

10. Univ of Maryland $20,000
    "Deep Impact"
    Meech, Karen J Institute for Astronomy

11. Univ of Mississippi $118,751
    "Installation of CTBT IMS Array IS52 Diego Garcia"
    Garces, Milton Haw Inst Geophys & Planet
    Setup infrasound array in Diego Garcia.

12. Univ of South Florida $10,000
    "Project Literacy Enriched - Physical Education (LE-PE)"
    Murata, Nathan M Kinesiology & Leisure Sci
    Interdisciplinary teaching of literacy and physical education for 3rd
graders with and without disabilities.

13. Vanderbilt University $41,498
    "Association of Urinary Phytoestrogen Excretion with
    Cancer Risk in Female Chinese"
    Franke, Adrian A Cancer Research Center
    Isoflavonoids and lignans are two groups of phytoestrogens with
    suggested cancer-inhibitory properties. We propose to study the
    association between the urinary excretion of these phytoestrogens
    on the risk of breast cancer using samples from the Shanghai
    Women's Health Study.

14. Yale University $84,723
    "Mito AST Predict Liver Function in HIV Alcoholics"
    Gerschenson, Mariana School of Medicine
    This is a feasibility study to research the use a biological marker in
    blood to examine liver problems in people with and without HIV
    infection.
1. Canada-France-Hawaii Telescope Corp $30,000
   "Test of WIRCAM Detector Arrays in KSPEC"
   Hodapp, Klaus W Institute for Astronomy
   Apply skills in testing of WIRCAM Detector arrays for seven arrays specified in the purchase order.

2. Japan Marine Science & Technology Center $136,000
   "Establishment of the Integrated Climate Database for Reanalysis and the International Data Network"
   Hacker, Peter W Haw Inst Geophys & Planet
   The IPRC will help to establish the international data network and collection and to integrate the database virtually under Internet environment that will provide a user friendly database that is distributed at multiple organizations data servers.

3. Japan Science and Technology Corp $23,100
   "Genomic Structure and Function of Clustered Cadherin Family"
   Yamazaki, Yukiko Anatomy- MED
   Animal cloning to reveal somatic alteration of genomic information.

NON-RESEARCH AWARDS

FROM: DHHS-Dept of Health & Human Services

1. National Institutes of Health $28,681
   "Pre-doc Fellowship: Neural Processing of Uniform Electric Fields"
   Tricas, Timothy Zoology
   This study will investigate how sharks use their electric sense to geonavigate.
2. PHS-Health Resources and Services Admin $399,578

"Pacific Association for Clinical Training (PACT): A Comprehensive Plan for the Delivery of Continuing Clinical Education in the Pacific Basin"

Palafox, Neal A Fam Prac & Comm Hlth- MED

The Pacific Association for Clinical Training (PACT) will be established to provide a mechanism for ongoing clinical education to the healthcare professionals in the US associated Pacific Islands. A representative Advisory Board will be established composed of representatives of all jurisdictions. The Board will devise meaningful needs assessments for each jurisdiction. Curriculum will be developed for CCE to be delivered via Distance Learning.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric $7,996

"Sanctuary Ocean Count Interns"

Maynard, Sherwood D Marine Option Program - CNS

Provide support service to assist in education and outreach projects including the sanctuary ocean count harbor festival per the attached statement of work.

FROM: DOD-Dept of Defense

1. DOD-Air Force Office of Scientific Research $49,235

"The University of Hawaii CubeSat: An Undergraduate Student Satellite Project"

Shiroma, Wayne A College of Engineering

Undergraduate engineering project to design, fabricate, and launch a small satellite.

2. DOD-Dept of Navy $36,000

"Aha Hulikoa Workshop Series"

Muller, Peter Oceanography - SOEST

Funds will support a 2.5 day scientific workshop and the publication of proceedings from the workshop.

3. DOD-Dept of Navy $43,797

"Analysis of Marine Boundary Layer Aerosol Fields Obtained Using Multi-Wavelength Scanning Lidar Systems"

Sharma, Shiv K Haw Inst Geophys & Planet

Analysis of aerosol fields using multiwavelength light detection and ranging instrument at Bellow's Air Force station.
FROM: DOE-Dept of Energy
1. DOE-Fermi National Accelerator Laboratory $15,800
   "Quarknet Summer Program"
   Feldman, Arnold I Physics & Astronomy
   Basic research in elementary particle physics.

FROM: ED-Dept of Education
1. ED-Dept of Education $57,143
   "GEAR UP State Award"
   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 $444,806
   "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 reengage NH youth in culturally responsive curricula.

3. ED-Dept of Education $288,383
   "Upward Bound Math/Science -Continuation Program - 84.047M"
   Moser, T Michael Leeward CC
   Upward Bound Math/Science will instill academic skills and motivation in Hawaii's high school youth as they prepare for entrance into post secondary programs of study. Students will receive tutoring, mentoring, instruction, and cultural activities in a summer residential setting and throughout the school year until

4. ED-Dept of Education $95,500
   "Upward Bound Initiative"
   Moser, T Michael Leeward CC
   Provide college preparatory services to twenty (20) free lunch students meeting academic need criteria.
5. ED-Dept of Education $296,367
"Rehabilitation Research & Training Center on Postsecondary Educational Supports"
Stodden, Robert A 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 re-engage NH youth in culturally responsive curricula

6. ED-Off of Special Ed/Rehab Services $199,996
"Diverse Pathways to Linguistic and Cultural Competence for Deaf and Hearing Teachers in Hawaii-84.325E"
Coryell, Judith Special Education
Prepare deaf and hearing teachers from diverse backgrounds to work with a unique group of bilingual students whose first language is American Sign Language and second language is English.

7. ED-Talent Search Program $204,000
"Talent Search - Honolulu"
Matsui, Sandy Windward CC
To provide services to low-income, potential first generation college students and encourage them to graduate from high school and enter postsecondary education.

FROM: Environmental Protection Agency

1. Environmental Protection Agency $28,358
"MAI Fellow P. Trauernicht - The Effects of Non-timber Forest Product Harvesting on Soil Seed Bank Composition in the Peten, Guatemala: An ....."
Ticktin, Tamara Botany
This research will be conducted by Botany graduate student, Parker Clayton Trauernicht. The study is intended to increase our understanding of the ecological effects and conservation implications of the extraction of non-timber plant products from tropical forests by humans.
FROM: Independent Federal Agencies- Minor

1. 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 Kauai $4,000
   "County of Kauai Recycling Internship"
   Cha, Peggy Kauai CC
   Develop, manage and monitor student internship.

2. DOH-Alcohol & Drug Abuse Division $50,000
   "Services to Support the Development of a Comprehensive
   Substance Abuse Prevention System"
   Yuen, Sylvia H L Center on the Family
   Technical assistance and training related to data and the uses of
   data in drug abuse prevention planning.

3. DOH-Child & Adolescent Mental Health Division $231,102
   "Clinical and Administrative Services (Child Mental Health)"
   Andrade, Naleen N Psychiatry- MED
   Provide Psychiatric services to the Department of Health, Child and
   Adolescent Mental Health Division as outlined in the scope of
   services in the contract.

4. Hawaii-Dept of Business & Economic $4,750
   "Hawaii Energy Policy Forum Summit"
   Hamnett, Michael P Social Science Rsrch Inst
   To coordinate a two-day Hawaii Energy Policy Forum Summit.

5. Hawaii-Dept of Education $423,058
   "Felix Consent Decree Response Plan"
   Hitz, Randy Dean's Office- Ed
   Recruitment and support for special education teachers.
Notice of Meetings

Board of Regents' Meeting - January 16, 2004 (Continued)

6. Hawaii-Dept of Education $1,462,844
   "Felix Consent Decree Recruitment and Retention Personnel Plan"
   Hitz, Randy Dean's Office- Ed
   Increase the number of individuals eligible for initial teaching licensure in special education.

7. Hawaii-Dept of Education $586,456
   "Hawaii Networked Learning Communities"
   Suthers, Daniel D Info & Computer Science
   Strengthen science, math and technology education on Hawaii's Rural schools by using computers and the Internet to enable all schools to access Hawaii's educational resources.

8. Hawaii-Dept of Health $628,358
   "Adult Residency Training"
   Andrade, Naleen N Psychiatry- MED
   Provide Psychiatric services to the Department of Health Adult Mental Health Division as outlined in the scope of services in the contract.

9. Hawaii-Dept of Health $541,218
   "Child Residency Training"
   Andrade, Naleen N Psychiatry- MED
   Provide Psychiatric services to the Department of Health, Child and Adolescent Mental Health Division, as outlined in the scope of services in the contract.

10. Hawaii-Dept of Health $85,000
    "Promoting Self-Determination and Career Development Opportunities"
    Miller, Susan Center on Disability Studies
    Promote and broaden creative employment and career training opportunities for the artists and others with developmental disabilities as well as service providers that currently offer low organizational creative and arts activities. In partnership with the community and state agencies, University of Hawaii and its contractors and arts, business and employment collaborators will work together with artists and their circle of supporters, including service providers, to expand the array of opportunities to include three levels of capacity building toward self-determination.
## NOTICE OF MEETINGS

**BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)**

<table>
<thead>
<tr>
<th>11.</th>
<th>Hawaii-Dept of Labor &amp; Industrial Relations</th>
<th>$98,500</th>
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<tbody>
<tr>
<td></td>
<td>&quot;Special Training Opportunities for Pacific Islanders&quot;</td>
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<td></td>
<td>Okazaki, Sandra T Windward CC</td>
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<tr>
<td></td>
<td>Provide vocational education and training to Samoans, Asian Pacific Islander immigrants.</td>
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<th>12.</th>
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<tr>
<td></td>
<td>&quot;Natural Resource Intern Initiative: Phase 4&quot;</td>
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<tr>
<td></td>
<td>Duffy, David Botany</td>
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<tr>
<td></td>
<td>Provide entry positions to assist with trail maintenance and other management tasks on Oahu.</td>
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<th>Hawaii-Dept of Land &amp; Natural Resources</th>
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<tr>
<td></td>
<td>&quot;Management of Natural Areas in Hawaii, Phase 3&quot;</td>
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<td>Applied research and management in Natural Area Reserve of Hawaii.</td>
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<th>Hawaii-Dept of Land &amp; Natural Resources</th>
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<tr>
<td></td>
<td>&quot;Urban Wetland Restoration on Oahu&quot;</td>
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<td>Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr</td>
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<td></td>
<td>To employ the wetland coordinator in a Graduate Research Assistantship position which will facilitate wetland habitat restoration activities on Oahu.</td>
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<th>Hawaii-Dept of Transportation</th>
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<tr>
<td></td>
<td>&quot;Safe Community Driver Education&quot;</td>
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<td>Monitor the state-wide driver's education program; provide driver education classes, and coordinate the statewide Driver Education conference.</td>
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<td>&quot;OHA Native Hawaiian Legal Issues Educational Opportunities Project&quot;</td>
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<tr>
<td></td>
<td>Conway-Jones, Danielle School of Law</td>
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<tr>
<td></td>
<td>Provide multi-faceted educational opportunities addressing legal issues affecting Native Hawaiians.</td>
<td></td>
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</table>
NOTICE OF MEETINGS

BOARD OF REGENTS' MEETING - January 16, 2004 (Continued)

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

1. Coalition for a Drug Free Hawaii $100,000
   "SHF Substance Abuse Prevention Program"
   Kameoka, Velma A       Psychology
   To evaluate the effectiveness of the strengthening Hawaii Families
   Program with Asian, Pacific-Island, and multi-cultural families living
   in rural Oahu.

2. Hawaii-State Foundation on Culture & the Arts $3,286
   "Intersections Visiting Artist and Scholar Program - 2003-04"
   Drexler, Debra M       Art
   Funding for a lecture and residency series of visiting artists and
   scholars.

3. Hawaii-State Foundation on Culture & the Arts $11,054
   "Kabuki Training and Production 2003-2004"
   Iezzi, Julie           Theatre & Dance
   To bring guest kabuki actors to UH M to work collaboratively with
   UHM faculty and community members to train students for and
   mount an English language kabuki play, "Nozaki Village" in spring
   2004.

4. Hawaii-State Foundation on Culture & the Arts $21,756
   "Crossings 2003: Korea/Hawaii - 2003-04"
   Klobe, Thomas         Art
   Two exhibitions and catalogues.

5. Hawaii-State Foundation on Culture & the Arts $15,772
   "Performing Arts Central - 2003/04"
   Knox, Steve           Leeward CC
   Performing Arts Events.

6. Hawaii-State Foundation on Culture & the Arts $10,911
   "World Performance Series - 2003-04"
   Slaughter, Timothy R   Outreach College
   Artistic and cultural programs for the University and community.

7. Hawaii-State Foundation on Culture & the Arts $40,000
   "Arts in Hawaii's Underserved Communities"
   Slaughter, Timothy R   Outreach College
   This project uses local and mainland based artists to provide
   cultural programming to underserved areas statewide.
8. Hawaii-State Foundation on Culture & the Arts  $9,062
   "Manoa: A Pacific Journal of International Writing - 2003-04"
   Stewart, R Frank  English
   Publication of four issues of Manoa Journal.
9. HCF-Hawaii Community Foundation - General  $32,000
   "Evaluation of the ABC Fund"
   Matsuoka, Jon K  School of Social Work
   Evaluate community development in 7 Hawaii locales.
10. HCF-Tobacco Prevention & Control Trust Fund  $37,500
    "Technical Assistance and Analysis of Tobacco Trust Fund
     Grants - Cohort 2 - Second 'New' Round of Tobacco
     Prevention and Cessation Programs to…"
    Cadman, Edwin C  School of Medicine
    Designated organization to organize and collaborate with Tobacco
    Trust Fund Grantees. Serve as consultant on best practice, provide
    technical assistance in planning, implementation and the evaluation
    process. Please note that this is termed as 'cohort 2' because this
    is new round of tobacco prevention and cessation programs to 14
    grantees.
11. HCF-Tobacco Prevention & Control Trust Fund  $75,000
    "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.

FROM: Hawaii- Business and Other
1. Alu Like  $50,346
   "Biotechnology Summer Bridge, The Po'okela Project,
   Kahului Campus"
   Wiger, Flo  Maui CC
   Project to serve 20 Hawaiian high school students in Summer 2003
   in a bridge program that will focus on Biotechnology and career
   and educational development.
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

2. Center of Excell for Res in Ocean $43,665
   "DMHA Training and Research"
   Hallett, Brien Matsunaga Inst for Peace
   To provide educational courses at UH in disaster management and
   humanitarian assistance.

   "Sci-Tech Bridge"
   Cha, Peggy Kauai CC
   The intent of the "Bridge" project will be to help young women to
   see technology and science as viable career goals.

   "High Tech Internships"
   Cha, Peggy Kauai CC
   The project will provide internships in high tech companies for
   young women interested in science and technology fields.

5. Mauna Kea Infrared, LLC $30,000
   "NICI 85 Element Adaptive Optics System"
   Ftaclas, Christ Institute for Astronomy
   Design and fabrication of an avalanche photodiode (APD) cabinet
   assembly for the Near Infrared Coronagraphic Imager 85 Element
   Adaptive Optics System.

6. Olelo: The Corporation for Community Television $35,311
   "Leeward Community College/Olelo Satellite Facility"
   Pecsok, Michael H Leeward CC
   Provide video production and training to Olelo public access users.

7. Pacific Resources for Education & Learning $162,307
   "PREL Mathematics and Science Technical Assistance,
   Year 10"
   Dougherty, Barbara J CRDG
   Establish the collaborative relationship between Pacific Resources
   for Education and Learning (PREL) and Curriculum Research &
   Development Group in carrying out Pacific Eisenhower
   Mathematics and Science Consortium Grant Program.
FROM: Hawaii- Health Organizations

1. Univ. Clinical, Education & Research Assoc.  $50,942
   "Salary and Fringe Reimbursement Agreement - FY 2003
   Modification #1"
   Ward, Kenneth  School of Medicine
   Salary and fringe reimbursement agreement to provide physician
   and physician-related services.

2. Waianae Coast Comprehensive Health Center  $25,038
   "Waianae Coast Comprehensive Health Center MOA FY
   2004"
   Pond, Jack  Leeward CC
   LCC to provide instructors and/or lecturers for the Waianae Health
   Academy Community Health Worker I Program.

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

1. American Assoc for the Advancement of Science  $4,976
   "The Effects of Ultraviolet Radiation on Cleaner-client
   Symbioses"
   Zamzow, Jill  Haw Inst Marine Bio-SOEST
   Travel to Lizard Island Research Station, Australia for purposes of
   collaboration with Dr. Alexandra Grutter, and pilot studies regarding
   the effects of ultraviolet radiation on cleaner-client symbioses of
   fishes of the Great Barrier Reef.

2. Consortium for Oceanographic Rsrch & Educ  $15,000
   "Hawaii Aloha Bowl"
   Cooper, Patricia  Sch Ocean,Earth Sci & Tec
   University of Hawaii, as host institution, will coordinate the Hawaii
   high-school teams and organize the Hawaii regional "Aloha Bowl";
   the competition will be administered via the Office of the Associate
   Dean of SOEST, Dr. Patricia Cooper.

FROM: Mainland- Business

1. Boeing Aerospace Co  $1,296
   "Maui Community College Student Intern, Boeing"
   Hoffman, Mark  Maui CC
   Download and transmit data from Haleakala to Boeing in Seattle
2. Shaw Environmental & Infrastructure, Inc. $104,085
   "Shaw Environmental, Inc. Co-op"
   Fujimoto-Ikuma, Arleen Student Employment
   The Student Employment and Cooperative Education office to provide cooperative education student employees to Shaw Environmental as per contract.

FROM: Mainland- Health Organizations

1. American Heart Association $42,712
   "Postdoc - C. Byrum - The Roles of Wnt Signaling in Morphogenesis and Cell Specification"
   Wikramanayake, Athula H Zoology
   To determine roles of the Wnt pathways in morphogenesis and cell specification during gastrulation in the sea urchin.

2. Veteran's Admin (VA) Medical Center $70,949
   "Scarce Medical Specialist Services"
   Hastings, James E Medicine- MED
   Veteran's Administration Ambulatory Care Subspecialty Clinics where faculty teach medical students and residents. This ORS Form covers Amendments: #1 dated 10/1/02, #2 dated 10/12/02, #3 dated 10/12/02, and #4 dated 10/19/02.

FROM: Mainland- Other

1. Nat'l Geographic Society $15,000
   "Hawaii Geographic Alliance"
   McGranaghan, Matthew P Geography
   Project promotes geography and literacy for K-12 teachers through workshops and other activities. Project assists with State Geography Bee.

2. Space Telescope Science Institute $5,319
   "Space Telescope User's Committee Travel Support"
   Meech, Karen J Institute for Astronomy
   To provide travel support for Dr. Karen J. Meech on the Space Telescope User's Committee.
3. Woods Hole Oceanographic Inst $17,304
"HMRG Support of DSL-120A and JASON-2 Field Operations - Chave Cruise"
Appelgate, T Bruce Haw Inst Geophys & Planet
HMRG support of shipboard operation of sonars and instruments operated by the Deep Submergence Laboratory of the Woods Hole Oceanographic Institution.

FROM: U.S. Universities and Colleges

1. Univ of California- Davis $11,111
"Crop Profile and Pest Management Strategic Plan (PMSP) for Watercress in Hawaii"
Kawate, Michael K Plant & Environmental
Gather background information and produce a Crop Profile and Pest Management Strategic Plan for watercress production in Hawaii.

2. Univ of Maryland $425,000
"Pilot Korean Flagship Program - Year 2"
Long, Michael H College of Lang, Ling, & Lit
To build on year 1 of the project with a second round of diagnostic testing and needs analysis. Students will then be put in local internships and specialized study abroad in Korea.

3. Univ of Northern Iowa $17,500
"STEP-UP: Working Toward Integrative Learning and Service"
Sheldon, Pauline J School, Travel Indus Mgmt
To provide service learning opportunities, training, lectures and workshops in the field of sustainable tourism.

4. Univ of South Florida $423,563
"The Globalization Research Network and the Globalization Research Center at the University of Hawaii"
Neubauer, Deane E Social Science Rsrch Inst
Extends the work of the UH Globalization Research Center and 3 other research centers at University of South Florida, University of California at Los Angeles, and George Washington University.
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

FROM: All Non-U.S.

1. Univ of Guam $40,000
   "Societal Cost of Watershed and Reef Degradation"
   Hamnett, Michael P  Social Science Rsrch Inst
   Analysis of impact of watershed and reef degradation in Micronesia.
   Funds Received from UH Foundation

RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $20,000
   "Castle Research Associates"
   Allsopp, Richard  Anatomy- MED
   To assess TERT expression levels in PGC during development; to
   analyze the expression of candidate transcriptional TERT inhibitors
   in PGC; and to analyze the role of candidate TERT inhibitors in the
   regulation of TERT expression in PGC.

2. Univ of Hawaii Foundation $10,000
   "Manta Ray Tracking Project--Additional Funding"
   Holland, Kim N  Haw Inst Marine Bio-SOEST
   Track Manta Rays off Kailua Kona to discover their behavior
   patterns--personnel account.

3. Univ of Hawaii Foundation $7,779
   "Smart Antenna"
   Iskander, Magdy F  HCAC (HI Ctr for Advanced
   Support of developing multidisciplinary antenna and signal
   processing aspects of smart antennas.

4. Univ of Hawaii Foundation $24,961
   "VLSI Enrichment, #121-8870-4"
   Malhotra, Vinod  Electrical Engineering
   Development of complex, low cost, circuits and boards using
   programmable digital and analog chips. The project is in
   conjunction with the CISE NSF grant entitled "CISE Educational
   Innovation: Building Complex Systems at Low-Cost."
5. Univ of Hawaii Foundation $44,625
   "Developing a Soy-Based Intervention Among Healthy Men"
   Maskarinec, Gertraud Cancer Research Center
   To show the feasibility of recruiting healthy men for a soy food
   based dietary intervention.

6. Univ of Hawaii Foundation $15,000
   "Kawasaki Disease Research"
   Nerurkar, Vivek R School of Medicine
   To develop simpler clinical criteria, evaluate early echocardiogram
   as a diagnostic tool, and use powerful gene expression arrays to
   identify host factors which are regulated in early Kawasaki Disease
   compared to convalescent and non-febrile controls.

NON-RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $9,000
   "Ninth East-West Philosophers' Conference"
   Ames, Roger T Philosophy
   Hire graduate student to assist in organizing a conference series
   that brings together world philosophers to reflect on "Educators and
   their Purposes: a Dialogue Across Cultures."

2. Univ of Hawaii Foundation $100
   "Ninth East-West Philosophers' Conference"
   Ames, Roger T Philosophy
   Hire graduate student to assist in organizing a conference series
   that brings together world philosophers to reflect on "Educators and
   their Purposes: A Dialogue Across Cultures".

3. Univ of Hawaii Foundation $46,375
   "Dai Ho Chun Distinguished Chair in Arts & Sciences"
   Cambra, Ronald E Colleges of Arts & Sciences
   To support a chair in the Colleges of Arts and Sciences who will
   promote interdisciplinary excellence.

4. Univ of Hawaii Foundation $3,000
   "CHIME Project - Pediatrics Psychology"
   Crowell, David Psychology
   Computer processing relative to research activities.
5. Univ of Hawaii Foundation $628
"Pacific Center for Sex & Society Support"
Diamond, Milton Anatomy- MED
For administrative support for the department of Anatomy.

6. Univ of Hawaii Foundation $30,937
"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.

7. Univ of Hawaii Foundation $19,735
"The Sibyl N. Heide Fund for Astronomy Outreach"
Meech, Karen J Institute for Astronomy
To complete and process any outstanding items related to the Institute for Astronomy outreach program for high school students.

8. Univ of Hawaii Foundation $32,000
"CCS Staff and Student Support"
Ning, Cynthia Y Chinese Studies- SHAPS
Funds to pay for salary and fringes for students and staff working on various projects at the Center for Chinese Studies.

9. Univ of Hawaii Foundation $97,849
"Johnson Visiting Professor of Law 2003-2004"
Soifer, Aviam School of Law
Provide salary and fringe benefits for George M. Johnson Visiting Professor of Law, Mari Matsuda.

10. Univ of Hawaii Foundation $3,000
"Manoa Journal"
Stewart, R Frank English
Funds will be used for personnel wages and fringe benefits to benefit Manoa Journal.

11. Univ of Hawaii Foundation $334
"2003 Japanese Summer Institute"
Yoshimi, Dina East Asian Language & Lit
For hiring a Student Assistant to facilitate the organization of a Japanese Summer Institute.
12. Univ of Hawaii Foundation  $2,090
   "Congressional Papers: Fong"
   Zastrow, Jan Library Services
   To cover the cost of salary and fringe benefits for a casual hire to
   process Senator Hiram Fong Papers.
## SUMMARY

**EXTRAMURAL RESEARCH AWARDS, OCTOBER/DECEMBER, 2003**

### DISTRIBUTION BY SPONSORS

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**NOTICE OF MEETINGS**

**BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)**

**SUMMARY**

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

**DISTRIBUTION BY SPONSORS**

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BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

YEAR-TO-DATE SUMMARY
EXTRAMURAL RESEARCH AWARDS, JULY/DECEMBER, 2003
DISTRIBUTION BY SPONSORS

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NOTICE OF MEETINGS

BOARD OF REGENTS' MEETING - January 16, 2004 (Continued)

YEAR-TO-DATE SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, JULY/DECEMBER, 2003

DISTRIBUTION BY SPONSORS

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323 $73,972,322 100.00
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: ED-Dept of Education

1. ED-Dept of Education
   “Directed Grants-Rural Science Program” $49,675
   Bill Chen UHH-Distance Learning and Instructional Technology

FROM: DHHS-Dept of Health and Human Services

1. DHHS-Dept of Health and Human Services
   “Big Island Asthma Pilot Study-Mod 7” $120,000
   Jon Pierre Michaud UHH-Public Health

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior
   “Unit Support/General Activities FY 04” $199,587
   Sharon Ziegler-Chong UHH-Aquaculture

FROM: EPA-Environmental Protection Agency

1. EPA-Environmental Protection Agency
   “Anthropogenic Impact Assessment” $102,767
   Michael Parsons UHH-Natural Sciences

FROM: NSF-Nat’l Science Foundation

1. NSF-Nat’l Science Foundation
   “Robbers Cave:Groups in Conflict” $338,453
   Stephen Worchel UHH-Social Sciences

FROM: County of Hawaii

1. County of Hawaii
   “Controlling Mosquito Populations” $5,000
   Michael Shintaku UHH-Agriculture

2. County of Hawaii
   “Public Shoreline Access Inventory” $50,000
   Sonia Juvik UHH-Social Sciences

FROM: US Colleges and Universities

1. Rutgers University
   “Long Term Space Astrophysics” $7,451
   Michael West UHH-Astronomy
NON-RESEARCH AWARDS

FROM: DOA-Dept of Agriculture
1. DOA-Dept of Agriculture $145,935
   "UH Statewide Agriculture Education and Training"
   William Sakai UHH-Agriculture

FROM: ED-Dept of Education
1. ED-Dept of Education $647,435
   "Education of Native Hawaiians:Natural & Environmental Sciences Pathways"
   David Sing UHH-Director’s Office

FROM: DHHS-Dept of Health and Human Services
1. DHHS-Dept of Health and Human Services $4,761
   "Family Planning Services-FY 03 Supplies"
   Carolyn Lesnett UHH-Student Health Services

FROM: US Colleges and Universities
1. Central State University $250,000
   "Ka Pouhana Family Life Center - FY 04"
   Dawna Coutant UHH-Psychology

FROM: Hawaii Government Agencies
1. Office of Hawaiian Affairs $581,948
   "Na Pua No’eau FY 04"
   David Sing UHH-Director’s Office
2. County of Maui $100,000
   "Hawaii Business Research Library"
   Darryl Mlyenek UHH-Small Business Development Center

FROM: Hawaii Association Foundation & Societies
1. Hawaii Community Foundation $2,000
   "2003 Tobacco NCTOH Scholarship"
   Patti Urso UHH-Nursing
### UNIVERSITY OF HAWAII AT Hilo SUMMARY

**EXTRAMURAL RESEARCH AWARDS, OCTOBER 2003 - DECEMBER 2003**

**DISTRIBUTION BY SPONSORS**

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UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, OCTOBER 2003 - DECEMBER 2003

DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY
EXTRAMURAL RESEARCH AWARDS, JULY 2003 - DECEMBER 2003
DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY
EXTRAMURAL NON-RESEARCH AWARDS, JULY 2003 - DECEMBER 2003
DISTRIBUTION BY SPONSORS

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

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

V. 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

None

Resignations and Retirements of Board of Regents’ Appointees

Resignations

AKIYAMA, HANAE
Research Support
(Research Associate)
Water Resource Research Center
University of Hawai‘i at Mānoa
November 14, 2003

BELELAI, EVERETT
Academic Support
(Educational Specialist)
Dean's Office
Honolulu Community College
October 3, 2003

BONAR, ROBERT
Instructor
Enrollment Services
Hawai‘i Community College
October 17, 2003

BORSTING, ESBEN A.
Acting Instructor
Special Programs
Kapi‘olani Community College
October 31, 2003

DE JESUS, LUCIA A.F.
Junior Researcher
Cell and Molecular Biology
University of Hawai‘i at Mānoa
November 14, 2003
NOTICE OF MEETINGS

BOARD OF REGENTS' MEETING - January 16, 2004 (Continued)

HARADA, EDWIN T.
Facilities Planning & Design
(Engineer)
Facilities Planning
University of Hawai‘i at Hilo
December 12, 2003

HELM, YVETTE N.
Academic Support
(Educational Sp)
Vice Chancellor’s Office
University of Hawai‘i at Hilo
October 31, 2003

HOPPER, CAROL
Academic Support
(Educational Specialist)
Waikīkī Aquarium
University of Hawai‘i at Mānoa
August 1, 2003

LANGFORD, RICHARD A.
Specialist
Curr Rsch & Dvlp Grp
University of Hawai‘i at Mānoa
September 30, 2003

MASUDA, BARRY K.K.
Acting Assistant Professor
English
University of Hawai‘i at Mānoa
July 31, 2003

OISHI, DARCY
Research Support
(Research Associate)
Plant & Environmental Protection Sciences
University of Hawai‘i at Mānoa
November 17, 2003

RUNCO, MARK A.
Assistant Professor
Psychology
University of Hawai‘i at Hilo
October 1, 2003
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

SACHDEVA, MEENA
Professor, CC
Language Arts
Kapi‘olani Community Colleges
September 18, 2003

SEO, JEANNIE W.
Institutional Support
(Administrative Officer)
Medicine
University of Hawai‘i at Mānoa
September 18, 2003

SODOMA, THOMAS
Acting Instructor
Technologies
Kapi‘olani Community Colleges
May 12, 2003

SPLITTSTOESSER, LISA S.
Assistant Professor
Medicine
University of Hawai‘i at Mānoa
November 13, 2003

TILLEY, GREGORY M
Institutional Support
(Institutional Analyst)
Office of Research Services
University of Hawai‘i at Mānoa
October 29, 2003

TONG, JANINE A.
Instructional and Student Support
(Student Services Specialist)
Allied Medical Science/Speech Pathology and Audiology
University of Hawai‘i at Mānoa
October 3, 2003

WOODRUFF, KELLEY ANN
Assistant Professor
Pediatrics
University of Hawai‘i at Mānoa
October 15, 2003
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

WORST, GABRIELE
Instructional & Student Support
(Educational & Academic Support Sp)
Outreach College
University of Hawai‘i at Mānoa
November 21, 2003

Retirements

CAVALETTO, CATHERINE
Associate Horticulturist
Tropical Plant & Soil Science
University of Hawai‘i at Mānoa
November 28, 2003

CHAMBERLIN, CYNTHIA
Professor, CC
Language Arts
Kaua‘i Community College
October 31, 2003

FUJIMOTO, ROY K.
Professor, CC
Natural Sciences
Honolulu Community College
August 31, 2003

NUIJTEN, LINDA JOAN
Assistant Professor, CC
Nursing
Kapi‘olani Community Colleges
August 31, 2003

SCHMITT, DONALD
Researcher
Plant & Environmental Protection Sciences
University of Hawai‘i at Mānoa
October 31, 2003

WANG, JAW KAI
Researcher
Molecular Biosciences & Biosystems Engineering
University of Hawai‘i at Mānoa
December 30, 2003
Retirements of Civil Service Employees

BALIGAD, HELEN V.
Secretary II
General-Natural Science
Leeward Community College
December 30, 2003

CHUN, HELEN S.C.
Janitor II
Facilities, Grounds & Safety
Building & Grounds Management
University of Hawai‘i at Mānoa
June 30, 2003

KIM, SHIRLEY R.
Clerk Stenographer III
E A Language & Literature Department
College of Language, Linguistic, & Literature
University of Hawai‘i at Mānoa
December 30, 2003

LACAR, ADELAIDA PREGILLANA
Janitor II
Facilities, Grounds & Safety
Building & Grounds Management
University of Hawai‘i at Mānoa
July 31, 2003

LEE, KIM HUNG
Janitor II
Facilities, Grounds & Safety
Building & Grounds Management
University of Hawai‘i at Mānoa
August 29, 2003

LING, BERTHA Y.
Janitor II
Facilities, Grounds & Safety
Building & Grounds Management
University of Hawai‘i at Mānoa
December 30, 2003
NOTICE OF MEETINGS

BOARD OF REGENTS’ MEETING - January 16, 2004 (Continued)

MURAOKA, CAROLE V.
Secretary I
Office of Faculty Development & Academic Support
University of Hawai‘i at Mānoa
December 30, 2003

NISHIDA, KAREN C.
Library Technician V
Library Services, UHH
University of Hawai‘i at Hilo
December 30, 2003

SAKAI, HENRY
Painter II
Facilities, Grounds & Safety
Facilities, Planning & Management Office
University of Hawai‘i at Mānoa
December 30, 2003

TAKETA, MYRA S.
Clerk Stenographer III
E A Language & Literature Department
College of Language, Linguistic, & Literature
University of Hawai‘i at Mānoa
December 30, 2003

TSURUYA, MACHIKO
Secretary III
Dean’s Office
School of Hawaiian, Asian, Pacific Studies
University of Hawai‘i at Mānoa
December 30, 2003

YAMAMOTO, HARRIET K.
Private Secretary II
Office of the Chancellor
University of Hawai‘i at Mānoa
December 30, 2003
NOTICE OF MEETINGS

BOARD OF REGENTS' MEETING - January 16, 2004

VI. Report of Executive Officer

A. Update on Sheraton Hawai‘i Bowl, December 25, 2003

VII. Announcement by Chairperson of Next Meeting of the Board

Date and Time:       February 20, 2004 - 8:30 a.m.
Place:              Honolulu Community College

VIII. Adjournment

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