BOARD OF REGENTS’ MEETING

Date: Thursday, January 20, 2005
Time: 9:30 a.m. (or immediately following the meeting of the State Board for Career and Technical Education)
Place: Kapiʻolani 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 18-19, 2004 Meeting and Committee Meetings

III. Public Comment Period 1:

The public may present testimony on matters on the Board of Regents’ agenda. Those who wish to address the Board must sign up at the meeting. Individuals who intend to testify are encouraged to inform the Secretary of the Board in advance of the meeting by calling 956-8213.

IV. Agenda Items 2

1. Honorary Degree for Ms. Genoa Leilani Kawaihapai Adolpho Keawe
2. University of Hawai‘i Endowment Fund
   a. Preliminary Performance Update as of December 31, 2004 by Wachovia Securities
   b. Endowment Fund Report by Bank of Hawai‘i
3. Consolidated Financial Statements, University of Hawai‘i
4. Draft Request for Proposal for Student Housing, University of Hawai‘i at Hilo (information only)
5. Establishment of a Student Health Fee at the University of Hawai‘i at Hilo
6. Proposed Amendment to Increase the Student Housing Rental Rates at the University of Hawai‘i at Hilo
7. Commercial Activities on Mauna Kea
8. Amendment and Retitling of Executive Class - Vice President for Academic Planning and Policy
9. Subcontract for the Institute for Astronomy Pan-STARRS Project
10. Maui Community College Long-Range Development Plan Update
11. Maui Oral Health Initiative
12. Courtside Seating for Volleyball Events, University of Hawai‘i at Mānoa
14. Naming Opportunities for Private Gifts to the University
15. Implementation of Revised Administrative Procedures for the Procurement of Goods, Services and Construction
16. Purchase of an Electronic Research Administration System from InfoEd
17. Amend Board of Regents’ Bylaws, Article II, A. Membership
18. Personnel Actions, Collective Bargaining and Legal Matters will be considered in executive session (Attachment #1, pg. 3)

Footnotes:

1 Guidelines: In fairness to all who wish to address the Regents, each speaker should abide by the time allotted. The Board will generally allow up to three minutes per speaker depending on the number of those wishing to testify.

2 The Board will recess at approximately 12:00 noon for lunch on Thursday. Agenda item(s) not completed at the end of the day on Thursday will be addressed on Friday at 9:00 a.m.
Board of Regents’ Meeting (Continued)

V. Appointments, Changes in Appointments, Leaves of Absence, Promotion, Tenure, Waiver of Minimum Qualifications, Emeritus Titles, Shortening of Probationary Period (Attachment #2, pgs. 4-5); Resignations and Retirements of Board of Regents Appointees and Civil Service Employees (Attachment #2, pgs. 6-10)

VI. Gifts, Grants and Contracts - For Board Action (See Attachment #3, pgs. 11-90)

VII. University of Hawai‘i Foundation Report

VIII. Report of Executive Officer

1. Lyon Arboretum Update
2. Kapi‘olani Community College Presentation
3. Tuition Plan Briefing

IX. New or Other Business

X. Announcement of Next Meeting of the Board

Date and Time: February 17, 2005
Place: Honolulu Community College

XI. Adjournment
A. **PERSONNEL ACTIONS RELATED TO THE FOLLOWING POSITIONS:**

1. Interim Dean, College of Agriculture, Forestry and Natural Resource Management, UH-Hilo
2. Interim Vice Chancellor for Academic Affairs, UH-Hilo
3. Interim Vice Chancellor for Academic Affairs, UH-West O‘ahu
4. Assistant Dean of Student Services, College of Education, UH-M–noa
5. Associate Dean for Academic Affairs, College of Tropical Agriculture & Human Resources, UH-M–noa
6. Interim Dean, School of Nursing and Dental Hygiene, UH-M–noa
7. Associate Professor, College of Education, UH-M–noa
8. Dean, School of Medicine, UH-Manoa
9. Interim Vice President for Academic Planning and Policy, UH-System
10. Executive/Managerial Positions in the Office of the University General Counsel
11. Executive Administrator and Secretary of the Board

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

B. **COLLECTIVE BARGAINING**

1. Matters Concerning HGEA and UHPA

*This matter will be discussed in an executive session to consult with legal counsel pursuant to HRS § 92-5(a)(3)*

C. **LEGAL MATTERS**

1. Settlement of Claims

*These matters will be discussed in an executive session to consult with legal counsel pursuant to HRS § 92-5(a)(4)*
Appointments, changes in appointments, leaves of absence, promotion, tenure, waiver of minimum qualifications, emeritus titles, shortening of probationary period, salary adjustments, position actions, classification, pricing

UNIVERSITY OF HAWAI'I, SYSTEM

Executive

GAINES, JAMES
Interim Vice President for Research
Office of the Vice President for Research
Salary Adjustment
July 1, 2004

JOHNSRUD, LINDA
Interim Associate Vice President
Office of the VP for Academic Affairs
Temporary Assignment as Acting Chancellor, University of Hawai'i - West O'ahu
January 1, 2005 - June 30, 2005, unless sooner relieved.

WILSON, CAROLYN
Associate Vice President
Office of External Affairs & University Relations
Salary Adjustment
July 1, 2004

YOKOTA, JAN
Director of Capital Improvements
Office of the President
Salary Adjustment
July 1, 2004

Managerial

LU, CHRISTOPHER
Interim Assistant to Senior Executive
Office of the Vice President for Academic Aff
Reassignment
March 1, 2005 - August 31, 2005, unless sooner relieved

SAMAAN, JANETTE
Director of International Affairs
Office of the Vice President for Academic Affairs
January 1, 2005 - June 30, 2005

UNIVERSITY OF HAWAI'I AT M} NOA

Executive

CUTSHAW, KATHY
Acting Vice Chanc for Admin, Finance & Ops
Office of the Chancellor, UH M–noa
January 1, 2005 - December 31, 2005 or unless sooner relieved
MATSUOKA, JON
Dean
School of Social Work
Upon Approval by the Board

Administrative, Professional and Technical

COOLEN, ROBERT
UH Head Softball Coach
Intercollegiate Athletics
Reappointment, Salary Adjustment & Incentive Plan
July 1, 2004 - June 30, 2008 with possible
extension through June 30, 2009 for satisfactory
performance

UNIVERSITY OF HAWAI’I AT HILO

Executive

CHEN, BILL
Dir of Tech & Distance Learning
University of Hawai’i at Hilo
Temporary assignment as Interim Vice
Chancellor of Administrative Affairs
January 2, 2005 - January 1, 2006 or until
a regular appointment is made, whichever
occurs sooner

SAKAI, MARCIA
Interim Dean, UHH
College of Business and Economics
September 1, 2004 - August 31, 2005

Recommendation: That the Board approve the appointments, changes in appointments, leaves of absence, promotion, tenure, waiver of minimum qualifications, emeritus titles, shortening of probationary period, salary adjustments, position actions, classification, pricing as recommended.
Resignations and Retirements of Board of Regents

Resignations

AGUON, JOLEEN M.
Research Support
(Research Associate)
Medicine
University of Hawai‘i at Mānoa
July 31, 2004

BORSTING, ESBEN A.
Academic Support
(Educational Specialist)
Provost’s Office
Windward Community College
October 15, 2004

CHURCHILL, ANNA E.
Institutional Support
(Admin & Fiscal Support Sp)
Office of the Chancellor, UHM
University of Hawai‘i at Mānoa
October 11, 2004

COOK, CAROLYNE
Instructional & Student Support
(Early Childhood Specialist)
UHM Children’s Center
University of Hawai‘i at Mānoa
August 27, 2004

CORTEZ, CAROLYN E.
Academic Support
(Educational Specialist)
Natural Sciences
Leeward Community College
August 31, 2004

DEKOM, FRANCINE E.
Enterprise Operations
(Dept Bookstore Mgr)
Auxiliary Enterprises
University of Hawai‘i at Mānoa
October 21, 2004

DOLL, SARA
Research Support
(Research Associate)
Anatomy, Biochemistry, Physiology and
Reproductive Biology
University of Hawai‘i at Mānoa
July 8, 2004

DUKE, JANET
Instructional & Student Support
(Student Services Specialist)
Office of Multicultural Student Services
University of Hawai‘i at Mānoa
August 13, 2004
ENGLET, GRACEFUL
Academic Support
(Educational Specialist)  
Curriculum Studies  
University of Hawai‘i at M–noa  
August 31, 2004

FERRANDIS, FRANCISCO J.  
Junior Researcher  
Physics and Astronomy  
University of Hawai‘i at M–noa  
August 31, 2004

GOODSON, MICHAEL S.  
Junior Researcher  
Pacific Biomedical Research Center  
University of Hawai‘i at M–noa  
December 31, 2004

LEE, TERRY  
Assistant Professor  
Psychiatry  
University of Hawai‘i at M–noa  
November 30, 2004

MATHER, RORY W.  
IT Specialist  
Information Technology Services  
University of Hawai‘i System  
October 1, 2004

MORALES, STEVEN D.  
Instructor  
Counseling & Guidance  
Windward Community College  
October 29, 2004

PERRY, JUSTIN M.  
Academic Support  
(Educational Specialist)  
Agriculture - Dean's Office  
University of Hawai‘i at Hilo  
October 11, 2004

REYNOLDS, HEATHER  
Instructional & Student Support  
(Early Childhood Specialist)  
UHM Children’s Center  
University of Hawai‘i at M–noa  
August 27, 2004

SHELLEY, TODD E.  
Associate Researcher  
Pacific Biomedical Research Center  
University of Hawai‘i at M–noa  
November 30, 2004
SOTOLONGO, BARBARA
Graduate Assistant
Anatomy, Biochemistry, Physiology and Reproductive Biology
University of Hawai‘i at Mānoa
November 30, 2004

TONRY, JESSICA H.
Junior Specialist
Tropical Medicine, Medical Microbiology and Pharmacology
University of Hawai‘i at Mānoa
October 29, 2004

URAGO, GAIL M.
Instructor
Library
Leeward Community College
September 15, 2004

VANDERFORD, PAULA A.
Assistant Professor
Pediatrics
University of Hawai‘i at Mānoa
November 19, 2004

WEST, MICHAEL E.
Instructor
Electrical Engineering
University of Hawai‘i at Mānoa
August 1, 2004

WONG, MAYEE
Research Support (Research Associate)
Pacific Biomedical Research Center
University of Hawai‘i at Mānoa
July 20, 2004

ZHAO, ZHENGSHAN
Assistant Researcher
Pediatrics
University of Hawai‘i at Mānoa
November 22, 2004

Retirements

DAIDA, DALE L.
Institutional Support (Administrative Officer)
Business Office
Honolulu Community College
November 30, 2004
OSHITA, ANDREW H.
Research Support
(Scientific Instrument Technician)
College of Engineering
University of Hawai‘i at Mānoa
December 31, 2004

SUNADA, DENNIS Y.
Institutional Support
(Administrative Officer)
Dean’s Office
University of Hawai‘i at Mānoa
November 30, 2004

Retirements of Civil Service Employees

BROWN, WILLIAM K.
Carpet Cleaner I
Buildings & Grounds Management
University of Hawai‘i at Mānoa
October 29, 2004

DOTE, EVELYN S.
Library Technician V
Hamilton Library
University of Hawai‘i at Mānoa
December 30, 2004

ICHIMURA, RICHARD M.
Janitor II
Intercollegiate Athletics, UHM
University of Hawai‘i at Mānoa
December 30, 2004

KAJIHIRO, THOMAS Y.
Janitor II
Intercollegiate Athletics, UHM
University of Hawai‘i at Mānoa
November 30, 2004

NAKAMURA, KENNETH K.
Groundskeeper I
Buildings & Grounds Management
University of Hawai‘i at Mānoa
October 29, 2004

NIWA, GALE C.
Clerk V
Business Office
Windward Community College
December 30, 2004
SAITO, BARBARA JEAN S.
Secretary IV
Academic Affairs, UHH
University of Hawai‘i at Hilo
November 30, 2004

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David McClain
Interim President
GIFTS, GRANTS AND CONTRACTS

The following gifts, grants, and contracts received during the period October 1, 2004 through November 30, 2004 total $40,266,021. The University of Hawai‘i at Hilo received a total of $5,054,783 during the same period.

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Dept of Agriculture $266,496
   "Modulation of Growth Hormone Actions by Gonadal Steroid Hormones in the Tilapia (Oreochromis mossambicus)"

   Grau, E Gordon Haw Inst Marine Bio-SOEST
   Growth in fish is poorly understood. In the tilapia as in humans males are larger than females. In mammals it has been shown that gonadal steroids alter the growth axis. We hypothesis that gonadal steroid hormones regulate growth in the tilapia.

2. DA-Dept of Agriculture $15,000
   "Novel Transgenic Plant Cell Culture Process for High-Value Protein Production"

   Su, Wei-Wen W Molecular Biosciences & Collaborative research to develop a cost-effective plant cell culture process for producing high-value proteins.

FROM: DHHS-Dept of Health & Human Services

1. NIH-Nat'l Inst of Neurological Disorders & Stroke $372,175
   "MR Spectroscopy to Monitor HAAART in HIV Brain Injury"

   Chang, Linda Medicine- MED
   We aim to use proton magnetic resonance spectroscopy (MRS) to monitor the treatment effect of HIV medications on brain injury that might have resulted from HIV infection. The subjects will be followed and evaluated at 0, 3, 6, and 9 months wit MRS, neuropsychological tests and spinal taps.
FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric
   "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
   "Extension: Calibration Support & Classification of Hyperspectral Imagery"
   Atkinson, Marlin J Haw Inst Marine Bio-SOEST
   Developing field methods & computer algorithms for processing hyperspectral data.

3. DOC-National Oceanic & Atmospheric
   "Discovery of Pharmaceutical Lead Compounds from Marine Organisms"
   Bidigare, Robert R Oceanography - SOEST
   Isolation of novel microbes from marine sediments, performing additional screens for anti-bacterial and anti-fungal lead compounds, and identification of novel neurotoxins and pro-inflammatory compounds from the Hawaiian box jellyfish venom.

4. DOC-National Oceanic & Atmospheric
   "Development of a Real-Time Precipitable Water Analysis of Record Using the Global Positioning System and Satellite Data"
   Businger, Steven JIMAR - SOEST
   Promoting use of GPS for meteorological applications.

5. DOC-National Oceanic & Atmospheric
   "Diet Dynamics and Trophic Relations of Laysan and Black-footed Albatrosses"
   Duffy, David JIMAR - SOEST
   To investigate the relationship between two North Pacific albatrosses and the Hawaii fisheries by analyzing the digestive tract contents and stable isotopes of albatrosses salvaged from the HI longline fishery and breeding colonies of the Northwestern Hawaiian Islands.
6. DOC-National Oceanic & Atmospheric
"Instrumented Buoys as Autonomous Observatories of Pelagic Ecosystems"
Holland, Kim N JIMAR - SOEST
To better understand aggregating behavior of fish schools through application of acoustic transmitter tags on the fish and development of underwater sonar "listening stations" to be installed at the offshore FADs (fish aggregating devices).

7. DOC-National Oceanic & Atmospheric
"Investigation of Aggregation Behavior of FAD-Associated Small Yellowfin Tuna and Size Dependant Vertical Stratification"
Holland, Kim N JIMAR - SOEST
To research the biology and aggregation behavior of smaller size classes of yellowfin tuna that are frequently the dominant component of the fish populations around fish aggregating devices (FAD) located throughout Hawaiian waters.

8. DOC-National Oceanic & Atmospheric
"Dynamics of Pacific Decadal Climate Variability and ENSO Modulation"
Jin, Fei-Fei JIMAR - SOEST
To investigate the roles of tropical ocean-atmospheric interaction decadal climate variations in the Pacific and decadal modulation of El Nino.

9. DOC-National Oceanic & Atmospheric
"Temporal Variability in Surface pCO2 at the Hawaii Ocean Time-series Station, ALOHA"
Karl, David M JIMAR - SOEST
Receive and ensure the proper working order of the pCO2 system in Hawaii. Participate in the mooring deployment and recovery cruises as needed to ensure the proper deployment and operation of the system. Ensure safe storage of any pCO2 equipment while in Hawaii and will arrange return shipping to PMEL as necessary. Work with PMEL investigators to use the Hawaii Ocean Time-series data to verify the accuracy of data.

10. DOC-National Oceanic & Atmospheric
"Penetration of Anthropogenic CO2 in the Oceans based on Analysis of Recent WOCE/JGOFS/OACES Carbon Data using the…"
Li, Yuan-Hui JIMAR - SOEST
Re-evaluating the anthropogenic carbon dioxide penetration in the 3 major ocean in relation to global changes.
11. DOC-National Oceanic & Atmospheric
"Enhancement of Data and Research Activities for Climate Studies at the International Pacific Research Center (IPRC)"
McCreary, Julian P JIMAR - SOEST
The project enhances the activities at the Asia-Pacific Data-Research Center (APDRC) within the International Pacific Research Center (IPRC) at the University of Hawaii. Activities include web-based access to a broad range of ocean, atmosphere, and air-sea flux data and products for climate studies.

12. DOC-National Oceanic & Atmospheric
"The University of Hawaii Sea Level Center"
Merrifield, Mark A JIMAR - SOEST
UH Sea Level collects, processes, and distributes tide gauge data around the world in support of various climate research activities.

13. DOC-National Oceanic & Atmospheric
" Integrating Coral Reef Ecosystem Integrity and Restoration Options with Watershed-based Activities and MPA's in the Tropical Pacific Islands"
Richmond, Robert Pacific Biomed Rsrch Cntr
Study of coastal pollutants associated with watershed discharge on coral reef health.

14. DOC-National Oceanic & Atmospheric
"Marine Resource Dynamic and Assessment Program (MARDAP): Cooperative Research"
Schroeder, Thomas A JIMAR - SOEST
Workshops to develop integrated, comprehensive, prioritized proposals to be considered for funding as cooperative research projects for U.S. affiliated islands in the western Pacific, e.g., American Samoa, Guam and Northern Mariana Islands.

15. DOC-National Oceanic & Atmospheric
"Fisheries Oceanography: Protected Species Investigations - Marine Turtle Research Program"
Schroeder, Thomas A JIMAR - SOEST
The primary focus of the Marine Turtle Research Program is to achieve the biographical recovery and management of sea turtle populations in the central and western Pacific.

16. DOC-National Oceanic & Atmospheric
"Marine Resource Dynamics & Assessment Program (MARDAP): Economics of Fisheries Initiative"
Schroeder, Thomas A JIMAR - SOEST
To compile a comprehensive social and community profile of the longline fishing industry of Hawaii and to compile a profile of Hawaii fishing communities associated with the longline fishing industry.
17. DOC-National Oceanic & Atmospheric  
"Satellite Remote Sensing Research Related to the West Coast Integrated Observing System (IOOS)"
Schroeder, Thomas A  JIMAR - SOEST  
Provide University of Hawaii researchers access to an expanded suite of satellite oceanographic data assembled by NOAA for use in physical, biological and fisheries oceanography research and for developing satellite-derived ocean data research products for use in supporting west coast Regional Associations of the Integrated Ocean Observing System (RA/IOOS) and the NOAA Fisheries Pacific Coast Observing System.

18. DOC-National Oceanic & Atmospheric  
Schroeder, Thomas A  JIMAR - SOEST  
A data set will be assembled that will include the atmospheric measurements currently being conducted at Mauna Loa Observatory and the mercury measurements. This data will allow CMDL, NERL, JIMAR and OIA to address three main research goals (i) to support atmospheric mercury chemistry research, (ii) to establish a global baseline mercury measurement station, and (iii) to investigate the long-range transport of mercury from South East Asia across the Pacific.

19. DOC-National Oceanic & Atmospheric  
"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.

20. 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.

21. DOC-National Oceanic & Atmospheric  
"NEPA Initiative"
Schroeder, Thomas A  JIMAR - SOEST  
To obtain technical assistance on an activity and project specific basis to ensure timely and legally sufficient agency compliance with applicable National Environmental Policy Act (NEPA) requirements.
22. **DOC-National Oceanic & Atmospheric**
   "Applications of Satellite Ocean Remote Sensing to Living Marine Resources (Ocean Remote Sensing)"
   Schroeder, Thomas A  
   JIMAR - SOEST  
   To develop and integrate information derived from analyses of satellite oceanographic data into population dynamics research.

23. **DOC-National Oceanic & Atmospheric**
   "Marine Resource Dynamics and 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.

24. **DOC-National Oceanic & Atmospheric**
   "Profiling CTD Float Array Implementation, Delayed-Mode Salinity Adjustments 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 system.

25. **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.

26. **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.
27. **DOC-National Oceanic & Atmospheric**  
"Western Pacific Fishery Information Network Project (WPACFIN)"  
Schroeder, Thomas A  JIMAR - SOEST  
Provide technical and operational support for supplying timely, accessible and high-quality fisheries data and information to fisheries scientists, researchers, and managers within JIMAR, UH, NMFS, and the Western Pacific Regional Fisheries Management.

28. **DOC-National Oceanic & Atmospheric**  
"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.

29. **DOC-National Oceanic & Atmospheric**  
"Transition from Experimental Climate Prediction to Operational Climate Forecasting and 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.

30. **DOC-National Oceanic & Atmospheric**  
"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. Pacific Islands.

31. **DOC-National Oceanic & Atmospheric**  
"Fisheries Oceanography: Methods Aimed to Reduce Sea Turtle-Longline Interactions: Behavioral Tests of Modified Baits and Fishing Gear"  
Schroeder, Thomas A  JIMAR - SOEST  
Provide reliable estimates of delayed mortality and morbidity following longline-turtle interactions and to identify a method to reduce or eliminate interactions between long-line fishing gear and turtles.

32. **DOC-National Oceanic & Atmospheric**  
"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.
33. **DOC-National Oceanic & Atmospheric**  
"National Weather Service, Pacific Region, 'In Lieu of Rent Payments'"  
Schroeder, Thomas A  
**JIMAR - SOEST**  
Funds will be used to support students and infrastructure within the departments of Meteorology, Oceanography (marine applications) and Geology & Geophysics (hydrology).

34. **DOC-National Oceanic & Atmospheric**  
"Climate 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.

35. **DOC-National Oceanic & Atmospheric**  
"Joint Institute for Marine and Atmospheric Research (JIMAR) - Task 1"  
Schroeder, Thomas A  
**JIMAR - SOEST**  
Funds will be used for administrative and visiting scientist support for the institute.

36. **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.

37. **DOC-National Oceanic & Atmospheric**  
"Coral Reef Management Initiative"  
Schroeder, Thomas A  
**JIMAR - SOEST**  
To establish an enhanced coral reef management presence within the existing NMFS, Pacific Islands Regional Office (PIRO), Habitat Conservation Program (HCP).

38. **DOC-National Oceanic & Atmospheric**  
"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.
39. DOC-National Oceanic & Atmospheric  
"National Weather Service - JIMAR Pacific International Desk"
Schroeder, Thomas A  JIMAR - SOEST
Training is provided to selected candidate meteorologists from the predominantly island nations within World Meteorology Organization (WMO) Region 5. Goal is to train in techniques and technology applicable to their nation and physically transfer appropriate hardware and software to that nation.

40. DOC-National Oceanic & Atmospheric  
"Mixed-Resolution Models for Investigating Individual to Population Scale Spatial Dynamics"
Sibert, John R  JIMAR - SOEST
To utilize selected scientific modeling approaches to better determine fish population distribution & dynamics in a broader ecosystem-based management context.

41. DOC-National Oceanic & Atmospheric  
"Describing the Vertical Habitat of Bigeye and Albacore Tunas and Post Release Survival for Marlins in the Central Pacific Longline Fisheries with …"
Sibert, John R  JIMAR - SOEST
Attaching Pop-Up Archival (satellite) Transmitting Tags to large pelagic fish to determine the depth and temperature ranges of fish migration. Focusing on Hawaii and American Samoa longline fisheries.

42. DOC-National Oceanic & Atmospheric  
"Evaluation of Data Quality for Catches of Several Pelagic Management Unit Species by Hawaii-Based Longline Vessels and Exploratory Analyses of …"
Sibert, John R  JIMAR - SOEST
Conduct statistical research of selected pelagic fish species to increase the number of verified data sets used in multi-species modeling efforts.

43. DOC-National Oceanic & Atmospheric  
"Pelagic Fisheries Research Program - Management"
Sibert, John R  JIMAR - SOEST
Provide management and administrative support for JIMAR's Pelagic Fisheries Research Program.
<table>
<thead>
<tr>
<th>Project Number</th>
<th>Agency</th>
<th>Project Title</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>44.</td>
<td>DOC-National Oceanic &amp; Atmospheric</td>
<td>&quot;Addition of Multi-Species Capability, Sex Structure and Other Enhancements to the Length-Based, Age-Structured Modeling Software MULTIFAN-CL&quot;</td>
<td>$40,000</td>
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<td></td>
<td></td>
<td>Sibert, John R</td>
<td>JIMAR - SOEST</td>
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<tr>
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<td></td>
<td>To further develop the performance and applicability of existing MULTIFAN-CL stock assessment software with respect to Pacific tuna stock populations.</td>
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<tr>
<td>45.</td>
<td>DOC-National Oceanic &amp; Atmospheric</td>
<td>&quot;Comparing Sea Turtle Distributions and Fisheries Interactions in the Atlantic and Pacific&quot;</td>
<td>$151,361</td>
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<td>Sibert, John R</td>
<td>JIMAR - SOEST</td>
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<td>To conduct quantitative and qualitative analyses of existing data on the ecology, distribution and fishery interactions of leatherback and loggerhead sea turtles in both the North Pacific (where turtle populations are declining) and North Atlantic (where populations appear to be stable or increasing).</td>
<td></td>
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<tr>
<td>46.</td>
<td>DOC-National Oceanic &amp; Atmospheric</td>
<td>&quot;Integrative Modeling in Support of the Pelagic Fisheries Research Program: Spatially Disaggregated Population Dynamics Models for Pelagic Fisheries&quot;</td>
<td>$80,000</td>
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<td></td>
<td></td>
<td>Sibert, John R</td>
<td>JIMAR - SOEST</td>
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<tr>
<td></td>
<td></td>
<td>Statistical modeling and analysis of fisheries tagging data to determine movement patterns and population dynamics of pelagic fishes (tuna, billfish, swordfish).</td>
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<tr>
<td>47.</td>
<td>DOC-National Oceanic &amp; Atmospheric</td>
<td>&quot;Trophic Structure and Tuna Movement in the Cold Tongue-Warm Pool Pelagic Ecosystem of the Equatorial Pacific&quot;</td>
<td>$130,232</td>
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<td>Sibert, John R</td>
<td>JIMAR - SOEST</td>
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<td>To test the hypothesis that tuna productivity in the western &amp; central Pacific is tied to upwelling of deeper ocean waters along the equator in the central &amp; eastern Pacific Ocean.</td>
<td></td>
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<tr>
<td>48.</td>
<td>DOC-National Oceanic &amp; Atmospheric</td>
<td>&quot;Fishery Dynamics in the Samoan Archipelago&quot;</td>
<td>$107,051</td>
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<tr>
<td></td>
<td></td>
<td>Sibert, John R</td>
<td>JIMAR - SOEST</td>
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<td></td>
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<td>To investigate the domestic fisheries of the Samoan archipelago through analysis and comparison of Samoan fisheries data with other Pacific Island fisheries and to conduct further analysis of the regional south Pacific albacore stocks caught by the Samoan fishery.</td>
<td></td>
</tr>
</tbody>
</table>
49. DOC-National Oceanic & Atmospheric $59,890
"An Analysis of Archaeological and Historical Data on Fisheries for Pelagic Species in Guam and the Northern Mariana Islands"
Sibert, John R JIMAR - SOEST
To conduct archival and archaeological review of long-term data concerning pelagic fish species in Guam and the Commonwealth of the Northern Mariana Islands.

50. DOC-National Oceanic & Atmospheric $64,442
"Human Dimensions Analysis of Hawaii's Ika-Shibi Fishery"
Sibert, John R JIMAR - SOEST
To analyze selected social and economic aspects of Hawaii's ika-shibi fishery along the coastlines of Hawaii Island.

51. DOC-National Oceanic & Atmospheric $77,787
"Spatial Modeling of the Tradeoff Between Sea Turtle Take Reduction and Economic Returns to the Hawaii Longline Fishery"
Sibert, John R JIMAR - SOEST
To update current economic models used for the Hawaii longline fishery to estimate economic returns associated with current or proposed time/area closure policies.

52. DOC-National Oceanic & Atmospheric $80,093
"A General Bayesian Integrated Population Dynamics Model for Protected Species"
Sibert, John R JIMAR - SOEST
Combining Bayesian modeling analysis and the more flexible integrated analysis to develop an applicable population dynamics model for protected animal species inadvertently caught as bycatch by commercial fisheries.

53. DOC-National Oceanic & Atmospheric $30,000
"Sociological Baseline of Hawaii-Based Longline Fishery: Extension and Expansion of Scope"
Sibert, John R JIMAR - SOEST
To continue the compilation of a comprehensive sociocultural profile of the Hawaii longline fishing industry (crew members, captains, boat owners, fishing business, etc.) for use in policy making by government fishing agencies.
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Award Amount</th>
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<tbody>
<tr>
<td>&quot;Integrated Statistical Model for Hawaiian Albatross Populations&quot;</td>
<td>$87,111</td>
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<tr>
<td>Sibert, John R</td>
<td>JIMAR - SOEST</td>
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<tr>
<td>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.</td>
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<tr>
<td>&quot;Two Day Research Cruise Aboard the R/V Kaimikai-O-Kanaloa to Test and Evaluate PICO Buoys&quot;</td>
<td>$36,000</td>
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<tr>
<td>Taylor, Brian</td>
<td>JIMAR - SOEST</td>
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<tr>
<td>To test and evaluate Pacific Marine Environmental Laboratory's Platform and Instrumentation for Continuous Observations (PICO) buoy.</td>
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<tr>
<td>&quot;Remote Forcing on the US Warm Season Rainfall and the Eastern Pacific Climate&quot;</td>
<td>$62,800</td>
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<tr>
<td>Wang, Bin</td>
<td>JIMAR - SOEST</td>
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<td>This proposal is to understand a) the impacts of continental monsoons on the mean climate and annual cycle of the eastern Pacific, and b) physical processes that link US warm season rainfall anomalies and the anomalous forcing from remote western North Pacific.</td>
<td></td>
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<tr>
<td>&quot;Impacts of Warm Pool and Extratropical Processes on ENSO&quot;</td>
<td>$115,958</td>
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<tr>
<td>Wang, Bin</td>
<td>JIMAR - SOEST</td>
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<tr>
<td>Study of the impacts of Indian Ocean-Western Pacific warm pool and extratropical process on El Nino.</td>
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<tr>
<td>&quot;Exploration of Biodiversity and Pharmaceutical Potentials of Marine Fungi in Hawaii&quot;</td>
<td>$178,024</td>
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<tr>
<td>Wang, Guangyi</td>
<td>Haw Nat Energy Inst -SOEST</td>
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<tr>
<td>Exploration of marine microbial biodiversity and pharmaceutical potentials for human health.</td>
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<tr>
<td>&quot;Effects of the Andes on the Eastern Pacific Climate&quot;</td>
<td>$48,100</td>
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<tr>
<td>Xie, Shang-Ping</td>
<td>JIMAR - SOEST</td>
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<tr>
<td>Use numerical models to study the effects of the Andes on the Eastern Pacific Climate with emphasis on the ITCZ, Cold SST tongue and stratus clouds over the Eastern Pacific Ocean.</td>
<td></td>
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</tbody>
</table>
FROM: DOD-Dept of Defense

1. DOD-Dept of Air Force $33,500
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

2. DOD-Dept of Air Force $120,000
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

3. DOD-Dept of Air Force $519,151
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

4. DOD-Dept of Air Force $120,000
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

5. DOD-Dept of Air Force $20,849
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

6. DOD-Dept of Air Force $296,591
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.
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<th></th>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>7</td>
<td>DOD-Dept of Air Force &quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$32,954</td>
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<td>Lassner, David K Info Technology Services</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>8</td>
<td>DOD-Dept of Air Force &quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$980,000</td>
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<td>Lassner, David K Info Technology Services</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>9</td>
<td>DOD-Dept of Air Force &quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$2,454</td>
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<td>Lassner, David K Info Technology Services</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>10</td>
<td>DOD-Dept of Air Force &quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$7,000</td>
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<td>Lassner, David K Info Technology Services</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>11</td>
<td>DOD-Dept of Air Force &quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$85,091</td>
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<td>Lassner, David K Info Technology Services</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>12</td>
<td>DOD-Dept of Air Force &quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$1,648,800</td>
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<td>Lassner, David K Info Technology Services</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>13</td>
<td>DOD-Dept of Air Force &quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$6,400</td>
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<td>Lassner, David K Info Technology Services</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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</table>
14. DOD-Dept of Air Force
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

15. DOD-Dept of Army
"Equation of State of WC"
Manghnani, Murli H Haw Inst Geophys & Planet
Microscopic structures of materials.

16. DOD-Dept of Navy
"Sea-salt Aerosol Fluxes from Breaking Waves and Bursting Bubbles: Microphysical, Optical and Spatial Evolution in a Natural Wind-Tunnel"
Clarke, Antony D Oceanography - SOEST
Utilize wind speed in Hawaii and aerosol to determine the open ocean size resolved production flux of sea salt in the marine boundary layer.

17. DOD-Dept of Navy
"Continuation of 'Insular Carbonate Shelf Structure and Substrate Diversity'"
Fletcher, Charles H Geology & Geophys - SOEST
Sand distribution and statistical spatial characteristics on Pacific carbonate shelves.

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

19. DOD-Dept of Navy
"Factors Influencing the Nearshore Sound-Scattering Layer in Hawaiian Waters"
McManus, Margaret Anne Oceanography - SOEST
This project will take an interdisciplinary approach to look at the relationships between the nearshore sound-scattering layer, physical processes, the optical properties of the water column, and bathymetry. We will combine moored and expeditionary approaches to determine the predictors of micronekton distribution.
20. DOD-Dept of Navy $80,000
"Dynamics of Internal Tides and Near-Inertial Internal Waves"
Muller, Peter Oceanography - SOEST

21. DOD-Dept of Navy $50,000
"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.

22. DOD-Dept of Navy $49,376
"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.

23. DOD-Dept of Navy $124,853
"Dynamical Control of Rapid Tropical Cyclone Intensification by Environmental Shears"
Wang, Bin Meteorology - SOEST
To study the causes of tropical storm formation and explosive intensification due to the effect of 3-D environmental flow shears and the interaction that occur between the embedded mesoscale vortices, inner and outer spiral rainbands, and the eyewall by observational analysis, numerical modeling and diagnostics.

24. DOD-Dept of Navy $11,251
"The Role of Bottom Variability in Mine Burial Prediction"
Wilkens, Roy H Haw Inst Geophys & Planet
Coordination with the Mine Burial Prediction program to convene workshops, aid in data analysis and dissemination, and participate in the publication of results.
25. DOD-US Army Medical Research & Material
   "Bioterrorism Preparedness for Infectious Disease"
   Burgess, Lawrence P A  School of Medicine
   Developing partnerships and capabilities to eventually conduct
   clinical trials in emerging infectious diseases in Asia. Actual clinical
   trials will not be conducted under this grant.

26. DOD-US Army Medical Research & Material
   "Bioterrorism Preparedness for Infectious Disease"
   Burgess, Lawrence P A  School of Medicine
   This modification is to support a senior scientist and additional work
   in the Bioterrorism preparedness arena, and to support the planning
   and development of an infectious disease clinical research center in
   Asia.

FROM: DOE-Dept of Energy

1. DOE-Dept of Energy
   "Hawaii Hydrogen Center for Development and Deployment
   of Distributed Energy Systems"
   Rocheleau, Richard E  Haw Nat Energy Inst -SOEST
   Research and testing of hydrogen technologies through the Hawaii
   Hydrogen Power Park; assessment of hydrogen fuels purity; R&D of
   cost-effective renewable hydrogen production; and analysis of
   potential hydrogen and distributed energy systems for the Big Island
   grid system.

FROM: DOI-Dept of Interior

1. DOI-Fish & Wildlife
   "Support for Invasive Species Committee Efforts"
   Duffy, David  Botany
   Supplement the Oahu Invasive Species Committee.

FROM: ED-Dept of Education

1. ED-Rehabilitation Services Administration
   "Hawaii STRIDE: Successful Transitions in Diverse
   Environments"
   Brandt, Robin  Social Science Rsrch Inst
   Mentoring disabled young adults during their transitional ages
   (15-26) in order to better assist them entering college and attaining
   employment.
FROM: Agency for International Development

1. **Agency for International Development** $2,800,000
   "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** $23,264
   "Acoustics Characterization of the Mesopelagic Boundary Sound Scattering Layer"
   Au, Whitlow Haw Inst Marine Bio-SOEST
   Determine the acoustic backscatter characteristics of the mesopelagic boundary community.

2. **National Science Foundation** $55,667
   "Collaborative Research: A GPS Network to Determine Crustal Motions in the Bedrock of the West Antarctic Ice Sheet: Phase 1 - Installation"
   Bevis, Michael G Haw Inst Geophys & Planet
   Measuring ground movement changes in West Antarctica.

3. **National Science Foundation** $4,959
   "Hawaiian Plume Structure and Magmatic Processes Revealed by Submarine Landslides on Mauna Loa Volcano, Hawaii"
   Garcia, Michael O Geology & Geophys - SOEST
   The new Jason II remotely operated vehicle will be used to sample the submarine flanks of Mauna Loa Volcano, Hawaii, which have been exposed by landsliding.

4. **National Science Foundation** $30,000
   "University of Hawaii Partnership with NSF I/U CRC for Telecommunications Systems"
   Iskander, Magdy F HCAC (HI Ctr for Advanced
   The requested funding will be used to provide stipends for three teachers working on middle school curriculum development and in class science and math activities related to the wireless communications technology.

5. **National Science Foundation** $30,000
   "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.
6. National Science Foundation  $62,000
"Hawaii Ocean Mixing Experiment (HOME): Near-Field Program: Moored Measurements of Tidal Oscillations - U. Hawaii Contribution"
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.

7. National Science Foundation  $93,243
"Study of Processes Leading to Tropical Cyclone Intensity Change"
Wang, Yuqing  Meteorology - SOEST
The PI proposes to study the mechanisms and processes leading to tropical cyclone intensity change with the focus on the interaction of outer spiral rainbands and inner core dynamics and the effect of large-scale environmental flow on the intensity change of tropical cyclones using a nonhydrostatic tropical cyclone model.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration  $36,000
"ANITA: Antarctic Impulsive Transient Antenna"
Gorham, Peter W  Physics & Astronomy
To fly a long duration balloon mission to address the question of the nature & origin of the highest energy cosmic rays, and the ultimate limits of energy in the universe.

2. Nat'l Aeronautics & Space Administration  $15,000
"Remote Sensing and Geologic Studies of Planetary Crusts"
Hawke, Bernard R  Haw Inst Geophys & Planet
This augmentation supports my participation in the development of a pilot program for systematic, global lunar geologic mapping.

3. Nat'l Aeronautics & Space Administration  $469,306
"Data-Intensive Research and Modeling Development at the International Pacific Research Center"
McCreary, Julian P  Oceanography - SOEST
The proposed project is to enhance the research conducted at the IPRC to study the Pacific climate variability and processes, Pacific Ocean circulation and its roles in climate, and Asian-Australian monsoon system (A-AMS).  We propose here to utilize various satellite products available from NASA.
4. Nat'l Aeronautics & Space Administration  
"Data-intensive Research and Modeling Development at the International Pacific Research Center"  
$43,805  
McCreary, Julian P  
Oceanography - SOEST  
The proposed project is to enhance the research conducted at the IPRC to study the Pacific climate variability and processes, Pacific Ocean circulation and its roles in climate, and Asian-Australian monsoon system (A-AMS). We propose here to utilize various satellite products available from NASA.

5. Nat'l Aeronautics & Space Administration  
"Data-Intensive Research and Modeling Development at the International Pacific Research Center"  
$533,749  
McCreary, Julian P  
Oceanography - SOEST  
The proposed project is to enhance the research conducted at the IPRC to study the Pacific climate variability and processes, Pacific Ocean circulation and its roles in climate, and Asian-Australian monsoon system (A-AMS). We propose here to utilize various satellite products available from NASA.

6. Nat'l Aeronautics & Space Administration  
"Data-intensive Research and Modeling Development at the International Pacific Research Center"  
$422,446  
McCreary, Julian P  
Oceanography - SOEST  
The proposed project is to enhance the research conducted at the IPRC to study the Pacific climate variability and processes, Pacific Ocean circulation and its roles in climate, and Asian-Australian monsoon system (A-AMS). We propose here to utilize various satellite products available from NASA.

7. Nat'l Aeronautics & Space Administration  
"The NAI University of Hawaii Astrobiology Winter School 2005 Meeting Support Request"  
$24,000  
Meech, Karen J  
Institute for Astronomy  
To provide support for 10 graduate students to attend the Astrobiology Winter School.

8. Nat'l Aeronautics & Space Administration  
"X-Ray Emission from the Gravitationally-lensed Hidden QSO IRAS F10214+4724"  
$8,800  
Sanders, David B  
Institute for Astronomy  
This project will use the XMM-Newton satellite to obtain the first firm x-ray detection of the hidden quasi-stellar object (QSO) in the hyper-luminous infrared galaxy IRAS F10214+4724. This data will help determine the impact of active galactic nuclei to the overall luminosity of infrared galaxies.
9. Nat'l Aeronautics & Space Administration $136,000
"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.

FROM: Hawaii- Government Agencies

1. City and County of Honolulu $380,000
"Mapping Erosion on the Oahu Shoreline"
Fletcher, Charles H Geology & Geophys - SOEST
To develop a dis database of historical shoreline change.

2. Hawaii-Dept of Agriculture $111,516
"On-Farm Demonstration in the Extraction and Disposal of Heptachlor and Heptachlor Epoxide from Soils of Abandoned Pineapple Fields on Molokai, Hawaii"
Li, Qingxiao Molecular Biosciences &
Demonstrate the effectiveness of using phytoremediation, plant extraction, of heptachlor and heptachlor epoxide from contaminated soils, and explore new technologies to destroy them in the contaminated plants after harvest.

3. Hawaii-Dept of Land & Natural Resources $40,000
"The CGAPS Project: Phase 3"
Duffy, David Botany
Continue support for the Coordinating Group or Alien Pest Species which coordinates state, federal and private responses to the problem of invasive alien species in Hawai'i.

4. Hawaii-Dept of Land & Natural Resources $70,000
"Threatened and Endangered Species Recovery: Kauai: Phase 10"
Duffy, David Botany
Continue maintenance of representative gene pool of threatened & endangered native plants.

5. Hawaii-Dept of Land & Natural Resources $226,000
"Suppression of Invasive Alien Plants on Maui & Molokai"
Duffy, David Botany
Support for invasive species groups on Molokai and Maui.

6. Hawaii-Dept of Land & Natural Resources $54,000
"Kauai Avian Conservation Research and Management"
Duffy, David Botany
Research and management of the endangered puai'ohi and Newell's Shearwater, two endangered birds of Kaua'i.
### 7. Hawaii-Dept of Land & Natural Resources

"Big Island Invasive Species Committee: Suppression of Noxious Weeds on the Island of Hawaii"

Duffy, David  
**Botany**  
Support for the mapping and eradication of important weed species and for outreach and education on pest species.

**Amount:** $288,000

### 8. Hawaii-Dept of Land & Natural Resources

"Plant Restoration and Enhancement, Micropropagation/Storage, Oahu EPRE 5"

Sugii, Nellie C  
**Lyon Arboretum**  
Continue Tissue Culture Propagation and Storage of Critically Endangered Hawaiian Plants.

**Amount:** $54,000

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

1. **HCF-G.F. Straub Trust**  
   "Mechanical and Infection Pathways to Preterm Birth"

Bryant-Greenwood, Gillian  
**Pacific Biomed Rsrch Cntr**  
To show that Pre-B-Cell Colony enhancing factor (PBEF) has a key role in the initiation of preterm birth and to understand its mechanism of action.

**Amount:** $32,340

2. **HCF-G.F. Straub Trust**  
   "Regulation of an Oncogenic Signaling Pathway: Year 2"

Wikramanayake, Athula H  
**Zoology**  
To determine how the Dishevelled protein is regulated in the Wnt signal transduction pathway.

**Amount:** $30,000

3. **HCF-Geist Foundation**  
   "Functional Genetics of an Essential Cytoskeletal Regulator"

De Couet, Heinz G  
**Zoology**  
Investigation into the role of the conserved Fli-I gene and its interaction with actin.

**Amount:** $38,550

4. **HCF-Geist Foundation**  
   "Pharmacological Therapy for Cerebral Ischemia"

Li, Ping An  
**School of Medicine**  
The application is to determine the role of mitochondria in hyperglycemia-enhanced ischemic neuronal damage and to define whether enhanced acidosis, glucose or the combination contribute to the detrimental effect of hyperglycemia.

**Amount:** $50,000
5. HCF-Ingeborg V.F. McKee Fund  
"Role of SK3-1C Variant in Glucose-induced Insulin Secretion in Pancreatic Beta Cells"
Andres, Marilou  Pacific Biomed Rsrch Cntr
This proposed work will test the hypothesis that the SK3-1C variant plays a key role in the destruction of pancreatic beta cells. To test this hypothesis, the investigator will employ electrophysiological and fluorescent confocal microscopy to determine 1) whether SK3-1C inhibits the formation of functional SK3 potassium channels necessary for membrane hyperpolarization of beta cells 2) the effect of SK3-1C in the secretion of insulin when glucose is present, and 3) whether SK3-1C expression leads to the destruction of pancreatic beta cells.

6. HCF-Ingeborg V.F. McKee Fund  
"RNA Interference: A New Mechanism for Targeted Treatment of Neuroblastoma"
Bachmann, Andre S  Cancer Research Center
Study to test how three well-characterized drugs, alone and/or in combination, reduce the growth of neuroblastoma tumors. These drugs have shown success in human patients with various types of cancers, but thus far, were not assessed as an alternative treatment for neuroblastoma.

7. HCF-Ingeborg V.F. McKee Fund  
"Genomic Approach to Study Lung Surfactant Component Induction of Pseudomonas aeruginosa Virulence in Hawaii Cystic Fibrosis Patients"
Hoang, Tung  Microbiology
Pseudomonas aeruginosa lung infection can be severe and cause much suffering in cystic fibrosis and nosocomial pneumonia patients. The mechanism of disease requires high cell density in the lung, which in turn requires a nutrient source. The lung, although a nutrient poor environment, has high concentrations of lung surfactant lipids that can be degraded by this bacterium. We herein propose to determine the pathways involved in the degradation of lung surfactant lipids.

8. HCF-Ingeborg V.F. McKee Fund  
"Regulation of the ABCC6 Gene Expression"
Le Saux, Olivier  Pacific Biomed Rsrch Cntr
To understand the regulation of ABCC6 gene and its association with PXE development.

9. HCF-Ingeborg V.F. McKee Fund  
"Role of WNT Signaling in Heart Development"
Marikawa, Yusuke  Anatomy- MED
Analyze the temporal profile of WNT regulation; determine the effect of WNT alteration on cardiomyocyte differentiation; and identify the site of WNT signaling during normal embryogenesis.
10. HCF-Ingeborg V.F. McKee Fund
   "Regulation of an Oncogenic Signaling Pathway: Year 2"
   Wikramanayake, Athula H  Zoology
   To determine how the Dishevelled protein is regulated in the Wnt signal transduction pathway.

11. 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 methods.

12. Tri-Isle Resource Conservation & Development
    "Maui Invasive Plant Species Control-V"
    Duffy, David Botany
    Continue efforts to monitor and remove alien invasive weed species on Maui.

FROM: Hawaii- Business and Other

1. Bishop Museum
   "Kukui 'Ula Development"
   Drake, Donald Botany
   Develop research protocols for determining methods to restore vegetation overlying caves and the habitats inside them, for the purpose of managing populations of endangered invertebrates.

2. East West Center
   "The Role of Land-cover Change in Montane Mainland SE Asia in Altering Regional Hydrological Processes under a Changing Climate"
   Giambelluca, Thomas W  Geography
   Install and maintain field stations to measure the fluxes of water and energy, and measure the pertinent soil and vegetation properties in each of two watersheds. Implement the regional climate model IPRC-regCM to simulate the influences of land-cover change and global warming on the climate and hydrological processes over the region.
3. Research Corp, University of Hawaii $3,000
"Identification of Hawaiian Stream Algae Collected by HDAR Staff for Expansion and Maintenance of the HDAR Stream Survey"
Sherwood, Alison Botany
The purpose of the work is to identify and archive samples of stream algae collected by Hawaii Division of Aquatic Resources staff. This collaboration will allow the PI to accumulate samples for future projects, and to expand upon survey results that have already been completed in Hawaiian stream systems.

FROM: Hawaii- Health Organizations
1. Hawaii Medical Services Association $81,075
"Department of Education SPARK Program Expansion and Evaluation"
Nigg, Claudio Office of Public Health Studies
This project is to expand and evaluate the SPARK Active Recreation Curriculum throughout the Department of Education A-plus after school program. The intention is to increase children's physical activity levels for chronic disease prevention.

2. Pacific Health Research Institute $18,858
"Risk Factors for Pathologic Markers - Parkinson's Disease"
Hardman, John M Pathology- MED
Pacific Health Research Institute wishes to purchase the staff time of John Hardman, M.D., a University of Hawai employee, to conduct research relating to Parkinson's Disease.

FROM: Mainland- Associations, Foundation, Soc, etc.
1. NSABP Foundation Inc $1,000
"Amendment #6 to PFED19 - HAW-01, Master Purchased Services Agreement (NSABP P-2), New Agreement PFED20-HAW-01 (NSABP P-2 & P-3)"
Furumoto, Nancy L Cancer Research Center
NSABP P-2: A nurse coordinator will be responsible for all aspects of the study (e.g. reviewing eligibility, assist with informed consent, registering and monitoring participants, etc.). NSABP P-3: A clinical research associate is responsible for patient enrollment, specimen/data collection and patient monitoring. All data collected must be submitted to sponsor.
2. NSABP Foundation Inc

"Master Treatment Industrial Purchased Services Agreement (TIND) - Addendum for National Surgical Adjuvant Breast and Bowel Cancer Treatment Protocols"

Oishi, Robert H Cancer Research Center

Pharmaceutical sponsors Pharmacia & Upjohn Company will provide support for institutional costs, effective, for patients that will be randomized to NSABP B-36 protocol in performing patient screening, determining study eligibility, patient education, and other unfunded protocol-related expenses. Genetech has given additional compensation for Stage 2 protocol patients on NSABP B-31, and Schering Oy is providing additional support for NSABP B-34.

3. NSABP Foundation Inc

"Treatment Federal Purchased Services Agreement (TFED 34) - National Surgical Adjuvant Breast and Bowel Cancer Treatment Protocols - Institution #118"

Oishi, Robert H Cancer Research Center

Pharmaceutical sponsors Pharmacia & Upjohn Company will provide support for institutional costs, effective, for patients that will be randomized to NSABP B-36 protocol in performing patient screening, determining study eligibility, patient education, and other unfunded protocol-related expenses. Genetech has given additional compensation for Stage 2 protocol patients on NSABP B-31, and Schering Oy is providing additional support for NSABP B-34.

FROM: Mainland- Business

1. Boeing Aerospace Co

"Integrated Aircraft Health Management Program Phase II"

Syrmos, Vassilis L Electrical Engineering

This project proposes new diagnostic approaches for highly reliable, fault-tolerant systems, that can immediately and reliably detect and isolate the sensors, actuators or system component failures. These methods are used to compensate for failures as they happen, to predict system failure and move from unscheduled maintenance to scheduled maintenance.

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3. Cubic Applications Inc
"RTIR IR Camera and Testbed Support"
Lucey, Paul Haw Inst Geophys & Planet
Provide IR Camera selection support for RTIR and Testbed programs.

4. Joint Oceanographic Inst Inc (JOI Inc)
"IODP 303"
Wilkens, Roy H Haw Inst Geophys & Planet
Cruise in the North Atlantic collecting core samples.

5. MCNC
"Feature Extraction and Sensor Fusion"
Kuh, Anthony Electrical Engineering
Feature extraction of time varying data and multimodal sensor

6. Northrop Grumman
"Advanced-Electronic Materials Reliability Project"
Hihara, Lloyd H Mechanical Engineering
Studying reliability and corrosion behavior of advanced electronics systems.

7. Northrop Grumman
"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.

8. Northrop Grumman
"Advanced MMIC Technology"
Shiroma, Wayne A Electrical Engineering
Investigate circuit techniques for space-based radar.

9. Novartis Pharmaceuticals Corp
"A Multicenter, Double-blind, Randomized, Parallel-group Study to Compare the Effect of 24 Weeks Treatment with LAF237 (50mg qd or bid) to Placebo as.."
Arakaki, Richard F Medicine- MED
This study involves patients with type 2 diabetes and will assess the safety and effectiveness of adding the drug LAF237 to pioglitazone for treating diabetes.
FROM: Mainland- Health Organizations

1. Children's Hospital of Pittsburgh  $192,350
   "Genetic Screening in Diabetes"
   Burgess, Lawrence P  A Dean's Office- MED
   The first phase of this proposal will develop protocols to investigate
   the relationship of allolic variations of certain genes to the
   development of complications in type 2 diabetic patients.
   Specifically, genetic predisposition to diabetic nephropathy,
   neuropathy, and retinopathy will be studied. DNA samples will be
   collected and analyzed in Phase 2

FROM: Mainland- Other

1. American Floral Endowment  $2,750
   "Ornamental Gingers as Flowering Potted Plants"
   Criley, Richard A  Tropical Plant & Soil Science
   Evaluate dormancy breaking programs to force Curcuma gingers;
   Determine nutritional requirements of potted gingers. Evaluate new
   ginger species and cultivars for suitability as potted plants.
   Micropropagate new ginger species to increase number of units for
   study.

2. American Museum of Natural History  $11,680
   "The LYOT Project: Optimized, Diffraction-Limited
   Coronography"
   Kuhn, Jeffrey R  Institute for Astronomy
   The project will use the AEOS Telescope with a specialized imaging
   polarimetric instrument for a dedicated program of circumstellar
   studies.

3. Binational Agricultural Research & Development  $140,000
   "Improved Juvenile Quality, Survival and Growth in White
   Grouper and Pink Snapper by Dietary Manipulation of
   Thyroid Hormone Production in …"
   Grau, E Gordon  Haw Inst Marine Bio-SOEST
   Development during metamorphosis is regulated by the thyroid
   hormones. Exposure to thyroid hormones is known to synchronize
   and shorten the developmental process. However, the direct
   application of hormone treatment in large-scale aquaculture is
   inefficient and costly. A microdiet has been developed which can
   deliver iodine, meaning that pre-metamorphosing larvae can ingest
   and absorb the iodine, which could allow for manipulation of
   development.
4. Harvard-Smithsonian Astrophysical Observatory  
"Probing the Equation of State of the Dark Energy with Supernovae"

Tonry, John  
Institute for Astronomy

This project will use observations of type Ia supernovae at high redshift to constrain the equation of state of the dark energy in our universe. Light curves of 300 supernovae will be obtained at redshifts between 0.1 and 0.8.

5. Jet Propulsion Lab  
"Surface History and Evolution of Small Jovian Trojans"

Jewitt, David C  
Institute for Astronomy

Some objects with the dynamical characteristics of asteroids are known to display physical properties (in particular, mass-loss) more characteristic of comets. We will explore the incidence of this phenomenon using sensitive, high-resolution imaging from Mauna Kea. We will also obtain observations designed to determine the nature of the processes responsible for mass-loss.

6. Jet Propulsion Lab  
"Science Investigation for ACP - Orbital Phase of the Cassini Mission"

Owen, Tobias  
Institute for Astronomy

To analyze the data taken throughout the Orbital Phase of the Cassini Mission.

7. Jet Propulsion Lab  
"An Investigation of the Mesoscale Eddy Field in the North Pacific Current Utilizing Altimetry, Scatterometry, and Numerical Ocean Modeling"

Qiu, Bo  
Oceanography - SOEST

We seek to understand the nature and cause of eddies in the North Pacific Current on time scales less than one year using satellites and computer simulations.

8. Jet Propulsion Lab  
"Mid-Infrared Properties, Excitation Mechanisms and AGN Content of LINERs - An IRS Survey"

Sanders, David B  
Institute for Astronomy

We plan to conduct low and high resolution spectroscopy of nearby Low-Ionization Nuclear Emission-line Region galaxies (LINERs) to better understand their properties; the role played by star formation, Active Galactic Nuclei (AGN) and interaction- and wind-driven shocks in exciting the gas in these galaxies; and the differences in AGN powered LINERS.
9. Space Telescope Science Institute
   "McCullough's Robotic CCD Camera System"
   Heasley, James N Institute for Astronomy
   Using a dual CCD astrograph on Haleakala to undertake an independent search for planetary transits.

10. Woods Hole Oceanographic Inst
    "Hawaii Mapping Research Group: Support of DSL-120A Field Operations, CY2004"
    Appelgate, T Bruce Haw Inst Geophys & Planet
    HMRG will spec computers for the Deep Submergence Laboratory and configure them with software.

FROM: U.S. Universities and Colleges

1. California State University $18,000
   "Effects of Flow and Light on In Situ Rates of Net Production by a Reef-Flat Community"
   Atkinson, Marlin J Haw Inst Marine Bio-SOEST
   To perform collaborative work with researchers from the Stanford University Environmental Fluid Mechanics Laboratory to investigate the relationship between light and water motion on carbon and phosphorus cycling in coral reef communities at different time-scales.

2. Emory University $70,798
   "AIDS and Opiates: A Monkey Model (subcontract from Emory University 5 R01 DA010440-08)"
   Chang, Linda Medicine- MED
   This is a renewal application for 5R01 DA010440-08. The aim is to use ex vivo proton magnetic resonance spectroscopy to assess brain metabolite changes in animal models of Acquired Immunodeficiency syndromes (AIDS) and opiate neurotoxicity.

3. Univ of Arizona $9,751
   "Interpretation of Mars Odyssey Gamma Ray Data"
   Taylor, G Jeffrey Haw Inst Geophys & Planet
   We examine how elements are separated from each other by igneous and aqueous.

4. Univ of California - Irvine $10,000
   "Beam Test Experiment at KEK"
   Olsen, Stephen L Physics & Astronomy
   UH is responsible for maintaining the OD calibration system of the Super-Kamiokande detector located in Kamioka, Japan. The funds awarded will be used to purchase fiber optical cables which replace broken ones and to update an electronics board.
5. Univ of Georgia
"Functional Genomics of Maize Centromeres"
Presting, Gernot  Molecular Biosciences & Chromosome movement during cell division is controlled by the centromere. The proper segregation of chromosomes into the two daughter cells during cell division is required for survival, making the centromere an extremely important chromosomal region. The DNA and protein components of corn centromeres will be studied with the intent of identifying the critical components for making an artificial chromosome.

6. Univ of Mississippi
"Seabed Characterization and Sea Floor Instrument Testing"
Wiltshire, John C  HURL - SOEST Submersible operations for Midget sub investigation, mass spectrometer testing, and black coral habitat characterization.

7. Univ of Southern California
"Breast & Prostate Cancer & Hormone-related Gene Variants"
Kolonel, Laurence N  Cancer Research Center The major goal of this project, which is part of the "Cohort Consortium", is to allow for large-scale analyses of breast and prostate cancer risk in relation to genetic polymorphisms and gene-environment interactions that affect hormone metabolism.

8. Vanderbilt University
"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.

9. Washington University- St. Louis, MO
"Acetyl-L-Carnitine for the Treatment of DSPN"
Valcour, Victor G  School of Medicine This project aims to test LAC as a therapeutic modality for antiretroviral-associated neuropathy in 36 patients within the National Neurological AIDS Research Consortium.

10. Yeshiva University
"Fat Reduction, Hormone Replacement Therapy (HRT) Use and Benign Breast Disease Risk"
Ceria, Clementina D  Nursing To investigate whether diet high in fat; and hormone replacement therapy increase the risk of benign breast disease.
FROM: All Non-U.S.

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

2. Ministry of Education - Sci & Culture of Japan
   "Detector Research and Development of KEK-B Factory"
   Olsen, Stephen L Physics & Astronomy Development of 2 major upgrades to the Belle experiment: Data Acquisition System replacement with the COPPER system and the pixel vertex detector upgrade developing the monolithic integrated CMOS circuits which serve as the tracking devices.

3. Univ of Guam
   "Integrating Coral Reef Ecosystem Integrity and Restoration Options with Watershed-based Activities and MPA's in the Tropical Pacific Islands"
   Richmond, Robert Pacific Biomed Rsrch Cntr Study of coastal pollutants associated with watershed discharge on coral reef health.

FROM: Miscellaneous

1. Hawaii Tropical Flower Council
   "New Ginger Cultivars"
   Leonhardt, Kenneth W Tropical Plant & Soil Science Develop or import new varieties of ornamental gingers for evaluation and potential release to commercial growers in Hawaii.

NON-RESEARCH AWARDS

FROM: DHHS-Dept of Health & Human Services

1. DHHS-Dept of Health & Human Services
   "Innovations in Illness Management and Self-Directed Recovery"
   Wylie, Alexander M Psychology Plan, implement and evaluate Hawaii's second annual Evidence Based Practices conference.
2. PHS-Health Resources and Services Admin  
"Native Hawaiian Center of Excellence"  
Young, Benjamin  
Department of Native Hawaiian  
To increase the overall of Native Hawaiians through recruitment, retention, faculty development, curriculum and information resources development, research and training in rural health clinics.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric  
"NOAA Support of COML Workshop"  
Leong, Jo-Ann  
Sch Ocean,Earth Sci & Tec  
Travel and publication support for Census of Marine Life - Coral Reefs Meeting held at HIMB August 15 through 18, 2004

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

FROM: DOD-Dept of Defense

1. DOD-Air Force Office of Scientific Research  
"the University of Hawaii CubeSat: An Undergraduate Student Satelite Project"  
Shiroma, Wayne A  
College of Engineering  
Undergraduate engineering project to design, fabricate, and launch a small satellite.

2. DOD-Dept of Navy  
"Pair-wise Processing for Passive Localization of Multiple Broadband CW Sources, with an Application to Humpback Whales-Grad E. Nosal"  
Frazer, L Neil  
Geology & Geophys - SOEST  
The goal of this project is to develop a pair-wise processing algorithm to localize multiple unknown broadband sources in shallow water with sparse hydrophone arrays. The algorithm will be validated using humpback whale recordings from the Pacific Missile
FROM: DOE-Dept of Energy

1. DOE-Dept of Energy $159,326
"Deliver Special Medical Care in the Marshall Islands for PL 99-239 Mandated Rongelap and Utrik Populations"
Omori(Minami), Jill S Fam Prac & Comm Hlth- MED
To provide time and effort in assisting, as needed, to prepare reports, supervision of Family Practice Residents and provide

2. DOE-Dept of Energy $24,997
"International Methane Hydrates Consortium Meeting"
Raleigh, C Barry Haw Nat Energy Inst -SOEST
Coordinate an international consortium meeting for the purpose of advancing the basic science and engineering of methane hydrate systems.

3. DOE-Fermi National Accelerator Laboratory $12,650
"Quarknet Summer Program"
Feldman, Arnold I Physics & Astronomy
Basic research in elementary particle physics

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior $40,000
"DMHA Training and Research"
Hallett, Brien Matsunaga Inst for Peace
To provide educational courses at UH-Manoa and UH-Hilo in disaster management and humanitarian assistance

2. DOI-Minerals Management Service $40,766
"DMHA Training and Research"
Hallett, Brien Matsunaga Inst for Peace
To provide educational courses at UH-Manoa and UH-Hilo in disaster management and humanitarian assistance.

FROM: ED-Dept of Education

1. ED-Dept of Education $486,681
"Strengthening Hawaiian Studies Access and Academic Quality"
Dykstra, Douglas Hawaii CC
Rural district distance education & support; Curriculum resource development; Interdisciplinary collaborative on new course development
2. ED-Dept of Education
"Virtual Teaching Modules for Distance Education in Advanced Indonesian"
Kozok, Ulrich Haw'n & Indo-Pac Language
Do develop teaching modules for advanced Indonesian distant education.

3. ED-Dept of Education
"Kupu Na Leo: Leadership Teacher Education and Curriculum Research for Hawaiian Immersion Schooling"
Maaka, Margaret College of Education
Project Kupu Na Leo involves a graduate program in Education which represents an exceptional approach to Hawaiian Language Immersion Education. It has three critical components (a) Leadership in research on Native Hawaiian tradition and culture as a foundation to the curriculum for the Hawaiian Language Immersion Program. (b) Curriculum development and implementation within the broader context of the ongoing process of Hawaiian Immersion Program and community development, (c ) School-based professional development of skilled preservice teachers who are able to engage with and be informed by Native Hawaiian tradition and culture.

4. ED-Dept of Education
"Master of Education in Teaching Program"
Marble, Stephen T College of Education
Payment for Services for Interns for 1 semester

5. ED-Dept of Education
"Creating Purposeful and Sustainable Pathways in Student Services, Professional Development, and 21st Century Career Programs for Improved Student Lear"
Richards, Leon Kapiolani CC
KapCC's goal in this Title III undertaking is to create three learning support pathways across the first year and second year experience to support success for Native Hawaiian and other pathway students. The three components are: strengthening services and support for students; professional development in the center for Excellence in Learning, Teaching and Technology (CELT); and enhancing careers for adult learners.

6. ED-Dept of Education
"2003 Youth Risk Behavior Survey Analysis and Report"
Saka, Susan CRDG
Analyze and report results of state and school-level data for the 2003 high school Youth Risk Behavior Survey.
FROM: Environmental Protection Agency

1. Environmental Protection Agency $196,877
   "Brownfields Community Environmental Health & Safety Training and Placement Program"
   Grove, Chulee C Honolulu CC
   To provide environmental technology training and employment for Brownfields' residents.

FROM: National Science Foundation

1. National Science Foundation $3,230
   "Stable Isotopic Analysis of Carbon and Nitrogen as an Indicator of Paleodietary Change for Pre-State Metal Age Societies in Northeast Thailand"
   Pietrusewsky, Michael Anthropology
   This project will attempt to understand dietary changes that took place in northeast Thailand during the Bronze and Iron Age using stable isotopes of carbon and nitrogen.

2. National Science Foundation $10,640
   "Doctoral Dissertation Improvement Grant: Early East Polynesian Prehistory and the Archaeology of Rurutu, Austral Islands"
   Rolett, Barry V Anthropology
   To perform chemical analyses on artifacts in order to determine geological composition of stone, and to date samples of charcoal and shell.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration $62,500
   "Increasing Community College Opportunities through the HiSTEM Pipeline"
   Flynn, Luke P Haw Inst Geophys & Planet
   This Hawaii Space Grant Consortium proposal offers fellowships, teacher workshops, and other space education activities for the people of Hawaii.

FROM: Independent Federal Agencies- Minor

1. Nat'l Geospatial-Intelligence Agency $110,000
   "Nano- and Micro-Enzymatic Power Sources - Postdoc Fellowship"
   Liaw, Bor Yann Haw Nat Energy Inst -SOEST
   To train postdoctoral research fellow to develop skills for fabricating micro-biofuel cells
FROM: Hawaii- Government Agencies

1. City and County of Honolulu $125,884
   "UH Elder Law Project - Year 14"
   Foster, Lawrence C School of Law
   Provide legal services to the socially and economically needy elders.

2. County of Kauai $4,000
   "County of Kauai Recycling Internship"
   Cha, Peggy Kauai CC
   The internship will provide internship opportunities for students
   interested in the solid waste recycling field

3. County of Maui $52,200
   "Coastal Processes Extension Project Year 8"
   Norcross, Zoe Sea Grant - SOEST
   Preserve Maui coastal resources, reduce damage caused by coastal
   hazards, and enhance marine science education in Maui County.

4. Hawaii-Civil Defense Division $35,613
   "Hawaii State Hazards Capability Assessment and
   Planning"
   Hamnett, Michael P Social Science Rsrch Inst
   The scope of the plan will be to finalize the State's Hazard Mitigation
   Plan for approval, then continue with enhancing the spatial analyses
   and requirements, and using spatial analyses to improve the
   capacity and capability assessments of the state's planning effort.

5. Hawaii-Dept of Education $10,231
   "Statewide Improvement Grant"
   Stodden, Robert A Center on Disability Studies
   Develop and print effective practices briefs to be disseminated as
   prescribed by the Department to state office, schools, and parent
   organizations.

6. Hawaii-Dept of Health $9,900
   "Statewide Trainings on Evidence Based Project Design for
   Healthy Aging Project"
   Geling, Olga Public Health Sciences
   Conduct evidence based project design trainings and technical
   assistance across the State for the Healthy Aging Project. Travel
   once to each neighbor island county.

7. Hawaii-Dept of Health $65,095
   "Promoting Self Determination and Career Development
   Opportunities (Very Special Arts VSA Project)"
   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.
8. Hawaii-Dept of Health $114,006
"Internship - Social Work, Mental Health Concentration Training Grant"
Morelli, Paula School of Social Work
MSW practicum training grant for student working in the area of child and adolescent mental health.

9. Hawaii-Dept of Land & Natural Resources $82,000
"Plant Restoration and Enhancement, Volcano Rare Plant Facility Hawaii"
Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr
Propagation and maintenance of endangered Hawaiian plant species at the Volcano Rare Plant Propagation Facility.

10. Hawaii-Executive Office on Aging $50,000
"Data Center on Hawaii's Elderly"
Yuen, Sylvia H L Center on the Family
Develop a web-based data center containing information and data on Hawaii's elderly population

11. Maui-Off of Economic Development $60,000
"Maui County Aquaculture Extension Program"
Howerton, Robert D Sea Grant - SOEST
Continue development of Maui County Aquaculture Program through extension, research and education.

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

1. Hawaii-State Foundation on Culture & the Arts $5,645
"Intersections Visiting Artist and Scholar Program - 2004-05"
Hickman, Patricia Art
Funding for a lecture and residency series of visiting artists and scholars.

2. Hawaii-State Foundation on Culture & the Arts $14,912
"Treasures from the UH Library - 2004-05"
Klobe, Thomas Art
Two exhibitions and catalogues.

3. Hawaii-State Foundation on Culture & the Arts $6,000
"Community College Art"
Mullikin, Linka Windward CC
Art exhibition at Gallery 'Iolani WCC (Windward Community College).

4. Hawaii-State Foundation on Culture & the Arts $11,811
"Performing Arts Central - 2004/05"
Patti, Joseph Leeward CC
Performing Arts Events.
5. Hawaii-State Foundation on Culture & the Arts $11,668
"World Performance Series - 2004-05"
Slaughter, Timothy R Outreach College
Artistic and cultural programs for the University and community.
6. Hawaii-State Foundation on Culture & the Arts $12,507
"Manoa: A Pacific Journal of International Writing - 2004-05"
Stewart, R Frank English
Publication of four issues of Manoa Journal.
7. HCF-Hawaii Community Foundation - General $10,000
"ABC Funders Evaluation Project"
Matsuoka, Jon K School of Social Work
Evaluation of ABC Fund.
8. Tri-Isle Resource Conservation & Development $13,500
"Hoike o Haleakala Environmental Outreach"
Duffy, David Botany
Implement an environmental curriculum for Maui County schools.

FROM: Hawaii- Business and Other
1. Consortium for Hawaii Ecological Engineering $27,420
"Malama I Ka'aina: Using Traditional Hawaiian & Modern Environmental Practices to Develop Standards-based, K-12 Science Curricula for Teachers of..."
Chinn, Pauline W Teacher Ed & Curric Study
Conduct, write and present to project staff and principal investigators an evaluation of the Malama I Ka'aina project in a way that informs the related, successor project Pikoi Ke Kaula Kualena. Amount completes a contract between CRDG and PI for the evaluation.

FROM: Hawaii- Health Organizations
1. Kapiolani Medical Center at Pali Momi $1,000
"KMC Practicum Stipends"
Matsuoka, Jon K School of Social Work
Provide stipends for School of Social Work students that complete their practicums at Kapiolani Medical Center at Pali Momi
2. Queen's Medical Center $197,423
"Salary Fringe Benefit Reimbursement Agreement FY 2005"
Ward, Kenneth Obstetrics - GYN - MED
Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.
3. Waianae Coast Comprehensive Health Center $205,343
   "Waianae Coast Comprehensive Health Center Contract Agreement"
   Tagawa, Michael Kapiolani CC
   KCC will provide Vocational career classes, instructors and/or
   lecturers and support services for health programs offered at the
   Waianae Health Academy.

4. Waianae Coast Comprehensive Health Center $106,946
   "WCCHC Contract Agreement (WCCHC and UH-KapCC)"
   Tagawa, Michael Kapiolani CC
   Provide instructors, lecturers, and support services for various
   health programs offered at the Waianae Health Academy.

FROM: Mainland- Business

1. Freeman Foundation $116,220
   "International Language Study and Service Learning in Asia"
   Richards, Leon Kapiolani CC
   Training program for cc students to develop foreign language skills.

FROM: Mainland- Health Organizations

1. Hutchinson (Fred) Cancer Research Center $200,000
   "Cancer Information Service"
   Issell, Brian F Cancer Research Center

FROM: Mainland- Other

1. Japanese American National Museum $10,000
   "Nikkei Legacy Project"
   Ogawa, Dennis M American Studies
   To perform and provide information, materials and services for the
   "Discover Nikkei" website in the form of a weblog.

2. Japan-US Friendship Commission $57,500
   "CrossCurrents Phase IV"
   Menton, Linda K CRDG
   Develop and program historical themes for bilingual website on
   Japan-U.S. relations. This is bi-national project of U.S. Japan
   Conference on Cultural and Educational Exchange (CULCON).
3. National Foreign Language Center
"Pilot Korean Flagship Program - Year 3"
Kim, Youngkyu College of Lang, Ling, & Lit
To build on year 2 of the project with a second cohort of students into the program for the 2004-2005 academic year. Intensive training in advanced and specific-purposes Korean will be provided to Korean Flagship Program students at UH Manoa to prepare them for local internships and specialized study abroad in Korea University, Seoul, Korea.

4. National Foreign Language Center
"Summer Intensive Program - 2004"
Kim, Youngkyu College of Lang, Ling, & Lit
To provide a 4.5-week intensive training in advanced and specific-purposes Korean to Korea-bound Korean Flagship Program students at UH Manoa and develop materials for the Summer Intensive Program based on task-based needs analysis at Korea University, Seoul, Korea.

FROM: U.S. Universities and Colleges

1. Univ of California
"HIV Care Services Training & Educational Services"
Goshima, Cyril Psychiatry- MED
Provide HIV/AIDS Care Services Training and Educational Services to health care providers in Hawaii and South Pacific

2. Univ of California- Davis
"Western IPM Center Regional Comments Coordinator for the American-affiliated Pacific Islands"
Kawate, Michael K Plant & Environmental
To inform stakeholders in the American Pacific about impending pesticide regulatory actions; to solicit stakeholder responses and comments to US EPA and USDA requests for information about pesticide use and impacts of proposed regulatory changes.

3. Univ of California- Los Angeles
"MacArthur Foundation Clinic Treatment Project"
Chorpita, Bruce F Psychology
Will train and evaluate mental health interventions for youth in community clinics over a several year period. This is part of a multi-site trial that includes research in Los Angeles California.

4. Univ of South Florida
"Globalization Research Network"
Neubauer, Deane E Social Science Rsrch Inst
FROM: All Non-U.S.

1. United Kingdom Astronomy Technology Centre $100,000
   "HRNIRS Design Study"
   Rayner, John T Institute for Astronomy
   The institute for Astronomy will deliver a conceptual design study to
   the United Kingdom Astronomy Technology Centre for parts of a
   proposed new spectrograph for the Gemini telescopes.
Funds Received from UH Foundation

RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $35,000
   "Start-up Funds - Ramos"
   Ramos, Joe William Cancer Research Center
   Identification of potential new cancer therapy targets through basic research on cell growth control.

2. Univ of Hawaii Foundation $13,000
   "Curriculum/Professional Development: DVD Project"
   Alvarez, Patricia CRDG
   To develop a multimedia DVD format resource to be used by the Hawaii Department of Education to improve K-12 student understanding of and action related to values important in a democratic society.

3. Univ of Hawaii Foundation $6,999
   "Common Fare Research Fund"
   Bess, David College of Business
   To cover salary of individuals working on the Common Fare Research Fund study.

4. Univ of Hawaii Foundation $2,500
   "Bharatanatyam"
   Carroll, W Dennis Theatre & Dance
   Teaching of a one-credit Bharatanatyam course in Fall 2004.

5. Univ of Hawaii Foundation $7,000
   "Research in Non-Dualistic Philosophy"
   Chakrabarti, Arindam Philosophy
   Hire of a graduate assistant.

6. Univ of Hawaii Foundation $100,000
   "WCC/UHF Lanihuli Observatory"
   Ciotti, Joseph E Windward CC
   Account established to assist in the creating of a contract between the University of Hawaii Procurement Office and the vendor. This account enables a contract to be established. The Harold K.L. Castle Foundation grant is the funding agent for this project.
6. Univ of Hawaii Foundation  
"Korean Language Instructor"  
Cohn, Joel R  East Asian Language & Lit  
Payment of salary and fringe benefits or teaching KOR 211 (3 credits) in the fall 2004 semester.  

7. Univ of Hawaii Foundation  
"Creating Leaders for the 21st Century"  
Cooper, Joanne E  Educational Admin  
Solicit applications, screen and select participants, provide stipends and training, as well as set up and monitor inter/externship experiences with established leaders in education, business, or non-profit organizations for one semester. Training will be provided through a three-credit graduate course in critical reflection in educational administration.

8. Univ of Hawaii Foundation  
"Pediatrics Psychology-Chime/Birthweight Project"  
Crowell, David  Psychology  
Computer processing relative to research activities.

9. Univ of Hawaii Foundation  
"Lyon Arboretum General Operating Fund"  
Hayes, Charles F  Lyon Arboretum  
Funds provided for the groundskeeping operations of the Lyon Arboretum, including the salary and benefits of greenhouse associate and groundskeeper.

10. Univ of Hawaii Foundation  
"Sen Soshitsu Student Staff Support"  
Huey, Robert  Japanese Studies- SHAPS  
To cover salary and fringe benefits - costs for students and staff support at the Center for Japanese studies.

11. Univ of Hawaii Foundation  
"Career Development Award (Unsolicited Proposal)"  
Karl, David M  Oceanography - SOEST  
To support David Karl and his research in marine microbiology.

12. Univ of Hawaii Foundation  
"WCC/UHF Pacific Initiative for Environmental Studies"  
Krupp, David A  Windward CC  
Account established to be a vehicle that would enable payments to individuals that are to be funded by the Harold K.L. Castle Foundation grant which supports the Pacific Initiative for Environmental Studies.

13. Univ of Hawaii Foundation  
"WCC/UHF General Support"  
Meixell, Angela C  Windward CC  
Account established to be a vehicle to handle payments made to individuals with UH Foundation funds.
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### SUMMARY

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**TOTAL** | **171** | **$32,231,850** | **100.00**
### SUMMARY

**EXTRAMURAL NON-RESEARCH AWARDS, OCTOBER/NOVEMBER, 2004**

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524  $110,615,480  100.00
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| Total                                      | 303           | $58,373,099  | 100.00  |
## Awards Received by University of Hawaii at Hilo

### RESEARCH AWARDS

**FROM: DOA-Dept of Agriculture**

1. **DOA-Dept of Agriculture**
   - "Development of Post Harvest Technologies"
   - $241,700
   - Jack Fujii UHH-Agriculture

**FROM: DOI-Dept of Interior**

1. **DOI-Dept of Interior**
   - "Kalaupapa Ethnographic Project - Phase 2"
   - $35,000
   - Charles Langlas UHH-Anthropology

**FROM: US Colleges and Universities**

1. **Rutgers University**
   - "Long Term Space Astrophysics"
   - $7,451
   - Michael West UHH-Astronomy

**FROM: Hawaii Business & Other**

1. **Bishop Museum**
   - "Survey of Aquatic Macrofauna"
   - $11,124
   - John Fitzsimons UHH-Biology

### NON-RESEARCH AWARDS

**FROM: ED-Dept of Education**

1. **ED-Dept of Education**
   - "Native Hawaiian Serving Institution FY 05"
   - $128,097
   - Bill Chen UHH-Distance Education and Instructional Technology

**FROM: DHHS-Dept of Health & Human Services**

1. **DHHS-Dept of Health & Human Services**
   - "Allied Health Designated Project"
   - $688,911
   - Jerry Johnson UHH-Psychology
FROM: NASA-Nat’l Aeronautics & Space Administration

1. NASA-Nat’l Aeronautics & Space Administration $3,564,000  
   “New Technology MKAEC Facilities”
   Rose Tseng UHH-Distance Education and Instructional Training

FROM: US Colleges and Universities

1. Central State University $250,000  
   “Ka Pouhana FLC - FY 2005”
   Dawna Coutant UHH-Psychology

2. Tennessee Technological University $18,500  
   “Project CAT: (Critical Thinking Assessment Test) for UH Hilo”
   Chris Lu UHH-Academic Affairs

FROM: Hawaii Government Agencies

1. County of Maui $110,000  
   “Hawaii Business Research Library”
   Darryl Mlyenek UHH-Small Business Development Center
### UNIVERSITY OF HAWAII AT HILO SUMMARY

**EXTRAMURAL RESEARCH AWARDS, OCTOBER 2004 - NOVEMBER 2004**

**DISTRIBUTION BY SPONSORS**

<table>
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<tr>
<th>AGENCY-UNIT</th>
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<th>AMOUNT</th>
<th>PERCENT</th>
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UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, OCTOBER 2004 - NOVEMBER 2004

DISTRIBUTION BY SPONSORS

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<th>AGENCY-UNIT</th>
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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL RESEARCH AWARDS, JULY 2004 - NOVEMBER 2004

DISTRIBUTION BY SPONSORS

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

### EXTRAMURAL NON-RESEARCH AWARDS, JULY 2004 - NOVEMBER 2004

#### DISTRIBUTION BY SPONSORS

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UNIVERSITY CONTRACTS PROCESSED IN AUGUST, 2004 FOR INFORMATION AND REVIEW BY THE BOARD OF REGENTS

A. CONTRACTS AWARDED AS A RESULT OF COMPETITIVE SOURCE SELECTION

1. Description: IFB No. 04-078, Modifications for the Physically Challenged, UH-Hilo, Project No. UHH-01-005
   Document No.: 52208
   Contractor: Stan's Contracting, Inc., 99-1280 Waiua Pl., “Aiea, HI
   Amount: $1,950,630.00
   Term: September 1, 2004 - August 5, 2005
   Campus: UH-Hilo, Facilities Planning & Construction Office
   Fund Source: Bond

2. Description: IFB No. 04-038, Repair and Upgrade Sports Facilities, Phase 1, UH-Hilo, Project No. UHH-00-010A
   Document No.: 51929
   Contractor: Yamada Paint Contracting, Inc. dba GW Construction, 6-212 Melekahiwa Pl., Keaau, HI
   Amount: $1,022,077.00
   Term: September 1, 2004 - January 29, 2005
   Campus: UH-Hilo, Facilities Planning & Construction Office
   Fund Source: Bond

3. Description: IFB No. 04-109, Holmes Hall and George Hall, Exterior Door Repairs, UHM, Project No. UHM 02-541-510
   Document No.: 51900
   Contractor: BCP Construction of Hawai’i, Inc., 5 Sand Island Access Rd., Box 112, Honolulu, HI
   Amount: $752,373.00
   Term: August 17, 2004 - May 16, 2005
   Campus: UHM, Facilities Planning & Management Office
   Fund Source: Bond

4. Description: IFB No. 04-130, HPER Building Addition, UHM, Project No. UH 01-297
   Document No.: 52209
   Contractor: Ralph S. Inouye Co., Ltd., 2831 Awaawaloa St., Honolulu, HI
   Amount: $672,100.00
   Term: August 17, 2004 - April 14, 2005
   Campus: UHM, Facilities Planning & Management Office
   Fund Source: Bond
5. Description: IFB No. 04-134, Stan Sheriff Center, Renovation of Teaching Lab, UHM, Project No. UHM 01-541-101
Document No.: 52087
Contractor: StarCom Builders, Inc., 930 McCully St., Ste. 207, Honolulu, HI
Amount: $281,734.00
Term: August 16, 2004 - February 12, 2005
Campus: UHM, Facilities Planning & Management Office
Fund Source: Bond

6. Description: IFB No. 04-145, Improvements to Lighting System, UHM, Project No. UHM 99-541-100
Document No.: 52214
Contractor: AMPCO Electrical Services, Inc., 1801 Kuahaka St., Pearl City, HI
Amount: $210,945.00
Term: August 16, 2004 - February 12, 2005
Campus: UHM, Facilities Planning & Management Office
Fund Source: Bond

7. Description: IFB No. 04-061, Replace Louvers, Building 8803 Auto Body, Honolulu CC, Project No. CC-03-1244
Document No.: 51917
Contractor: Anchor Construction Management Corporation dba Pacific Tradewinds Enterprises, 5 Sand Island Rd., Box 134, Honolulu, HI
Amount: $78,000.00
Term: September 15, 2004 - January 13, 2005
Campus: Honolulu CC
Fund Source: Bond

8. Description: RFQ No. 05-004, Modular Furniture for Curriculum Research and Development Group
Document No.: P271365
Contractor: Senetics, 430 Sumner St., Honolulu, HI
Amount: $38,234.21
Term: 6-9 Weeks ARO
Campus: UHM, Curriculum Research and Development Group
Fund Source: Revolving
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<tr>
<th>Description</th>
<th>Document No.:</th>
<th>Contractor</th>
<th>Amount</th>
<th>Term</th>
<th>Campus</th>
<th>Fund Source</th>
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<tbody>
<tr>
<td>9. RFP No. 04-010, Provide Collegiate Licensing Services for UH</td>
<td>C050025</td>
<td>Licensing Resource Group, Inc., 426 Century Ln., Ste. 100, Holland, MI</td>
<td>Percentage of royalties</td>
<td>July 1, 2004 - June 30, 2007, renewable for a total of 5 yrs.</td>
<td>UH System, External Affairs and University Relations</td>
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<td>10. RFP No. 99-054, Energy Services for Kauai CC</td>
<td>C000092</td>
<td>Honeywell, Inc., 250 Ward Avenue, Suite 100, Honolulu, HI</td>
<td>$63,549.00</td>
<td>October 1, 2002 - March 31, 2004</td>
<td>Kauai CC</td>
<td>Special</td>
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<td>11. RFQ No. 05-014, Wireless Network Equipment for Information Technology Services</td>
<td>P270749</td>
<td>CDW Government, Inc., 230 N. Milwaukee Ave., Vernon Hills, IL</td>
<td>$43,214.49</td>
<td>Deliver on or before August 12, 2004</td>
<td>UH System, Information Technology Services</td>
<td>Revolving</td>
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<td>12. IFB No. 04-110, Reroof Buildings 7877, 7879, 7880, 7881 and 7884, Leeward CC, Project No. CC-03-4251</td>
<td>52247</td>
<td>Certified Construction, Inc., 1009 Ulupono St., Honolulu, HI</td>
<td>$570,066.00</td>
<td>August 18, 2004 - January 15, 2005</td>
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13. Description: IFB No. 04-111, Refurbish Termite Damaged Buildings, Campus Wide, Kapi‘olani CC, Project No. CC-00-2181

   Document No.: 52172
   Contractor: Oceanic Companies, Inc., P.O. Box 700669, Kapolei, HI
   Amount: $296,433.00
   Term: August 18, 2004 - January 15, 2005
   Campus: Kapi‘olani CC
   Fund Source: Bond

14. Description: RFQ No. 05-001, Neighborhood Electric Vehicles for Parking and Transportation Services

   Document No.: P272410
   Contractor: eVehicles of Hawaii, LLC, 831 Queen St., Honolulu, HI
   Amount: $47,018.88
   Term: 120 Days ARO
   Campus: UHM, Parking and Transportation Services
   Fund Source: Special

15. Description: IFB No. 04-136, Architectural Barrier Removal, Kaua‘i CC, Project No. CC-04-3214

   Document No.: 52230
   Contractor: Pacific Blue Construction, LLC, 3116 Elua St., Līhu‘e, HI
   Amount: $222,500.00
   Term: August 23, 2004 - December 21, 2004
   Campus: Kaua‘i CC
   Fund Source: Bond

16. Description: RFQ No. 05-017, Floor and Wall Powered Reading Tables for Hamilton Library

   Document No.: P272103
   Contractor: BGH Limited (Ben Gordon Holdings Ltd.), 327 Shawnessy Dr., SW, Calgary, AL, CAN
   Amount: $25,917.94
   Term: Deliver on or before October 7, 2004
   Campus: UH System, Information Technology Services
   Fund Source: General
17. Description: RFQ No. 05-015, Laboratory/Research Equipment, Supplies, and Services for Vitamin Analysis for the College of Tropical Agriculture and Human Resources
Document No.: P272005
Contractor: Dionex Corporation, 1214 Oakmead Pky., Sunnyvale, CA
Amount: $41,643.43
Term: Deliver on or before July 30, 2004
Campus: UHM, College of Tropical Agriculture and Human Resources
Fund Source: Special, Private

18. Description: IFB No. 04-034, Repair/Treat Termite Damage, Campus Wide, Windward CC, Project No. CC-00-6172
Document No.: 52016
Contractor: BKA Builders, Inc., P. O. Box 241019, Honolulu, HI
Amount: $869,076.00
Term: August 17, 2004 - February 13, 2005
Campus: Windward CC
Fund Source: Bond

19. Description: IFB No. 04-133, Kuakini Hospital, Hale Pulama Mau, Ninth Floor, Architectural Barrier Removal, UHM, Project No. UHM 02-541-512
Document No.: 52085
Contractor: Projects Plus Inc., 1017 Mikole St., Honolulu, HI
Amount: $168,800.00
Term: August 24, 2004 - October 15, 2004
Campus: UHM, Facilities Planning & Management Office
Fund Source: Bond

20. Description: IFB No. 04-144, Pacific Ocean Sciences and Technology Building, Renovation of Rooms 637 and 638, UHM, Project No. UHM 02-541-606A
Document No.: 52212
Contractor: Walter Y. Arakaki, General Contractor, Inc., P. O. Box 17790, Honolulu, HI
Amount: $1,133,000.00
Campus: UHM, Facilities Planning & Management Office
Fund Source: Bond

21. Description: IFB No. 04-143, College of Business Administration Building, General Mechanical Repair, Phase 1, UHM, Project No. UHM 02-541-604
Document No.: 52159
Contractor: Commercial Sheetmetal Co., Inc., 94-142 Leoleo St., Waipahu, HI
Amount: $722,000.00
Term: August 27, 2004 - March 25, 2005
Campus: UHM, Facilities Planning & Management Office
Fund Source: Bond
22. Description: IFB No. 04-137, Architectural Barrier Removal, Maui CC, Project No. CC-04-5327
   Document No.: 52241
   Contractor: Arisumi Brothers, Inc., 291 Dairy Rd., Kahului, HI
   Amount: $233,095.00
   Term: September 23, 2004 - January 21, 2005
   Campus: Maui CC
   Fund Source: Bond

23. Description: IFB No. 04-076 to Reroof Building 8850, Marine Education Training Center (METC) Sand Island, Honolulu CC, Project No. CC-03-1243
   Document No.: 51927
   Contractor: BKA Builders, Inc., P. O. Box 241019, Honolulu, HI
   Amount: $191,633.00
   Term: September 6, 2004 - January 4, 2005
   Campus: Honolulu CC
   Fund Source: Bond

24. Description: IFB No. 04-079, Upgrade Drainage Infrastructure, Hawaii CC, Project No. CC-01-9024
   Document No.: 52169
   Contractor: Isemoto Contracting Co., Ltd., 648 Piilani St., Hilo, HI
   Amount: $621,500.00
   Term: December 17, 2004 - August 14, 2005
   Campus: Hawaii Community College
   Fund Source: Bond

25. Description: RFP No. 03-057, Financial and Compliance Audits of the UH in accordance with OMB Circular A-133 and Financial Audits of Intercollegiate Athletics and the UH Bond System
   Document No.: C040147
   Contractor: PricewaterhouseCoopers LLP, 999 Bishop St., Ste. 1900, Honolulu, HI
   Amount: $545,600.00
   Term: June 1, 2004 - December 31, 2004
   Campus: UH System, Financial Management Office
   Fund Source: Various

26. Description: RFQ No. 05-006, Design, Develop, Program and Present THREE (3) On-Line Educational Modules Dealing with Issues on Employment Preparation and Retention
   Document No.: C050038
   Contractor: Scursion LLC, 1132 Bishop St., #2121, Honolulu, HI
   Amount: $88,541.67
   Term: August 9, 2004 - January 17, 2005
   Campus: UHM, Office of the Vice President for Academic Affairs
   Fund Source: Federal Funds
B. PROFESSIONAL SERVICES PROCUREMENT

1. Description: Legal Services to Review the Employment Agreement and Annual Evaluations of UH President for Board of Regents
   Document No.: C050022
   Contractor: Marr Hipp Jones & Wang, 1001 Bishop St., Ste. 1550, Honolulu, HI
   Amount: $50,000.00
   Contractor: Boehl, Stopher & Graves, 400 W. Market St., Ste. 2300, Louisville, KY
   Amount: $2,500.00
   Term: April 2, 2004 - Until matters are resolved
   Campus: UH System - Office of the Vice President for Legal Affairs and University General Counsel
   Fund Source: Special

2. Description: Represent UH-Manoa and James R. W. Sloane in the matter re Claire Nakamura vs. State of Hawaii, UH-Manoa and James R. W. Sloane as an individual, FEP No. 12066; EEOC No. 37B-A3-00257
   Document No.: C040099
   Contractor: Goodsill Anderson Quinn & Stifel, 1099 Alakea St., Ste. 1800, Honolulu, HI
   Amount: $50,000.00 (Est.)
   Term: August 28, 2004 - Upon completion of case
   Campus: UH System, Risk Management
   Fund Source: Special

3. Description: A/E Design Services for Hawaii Institute of Marine Biology Research Lab at Coconut Island, UHM, Project No. UH 02-R06
   Document No.: 52211
   Contractor: Ferraro Choi and Associates, Ltd., 733 Bishop St., Ste. 2620, Honolulu, HI
   Campus: UHM, Facilities Planning & Management Office
   Fund Source: Bond

C. SOLE SOURCE PROCUREMENT
   None.
D. EXEMPT PROCUREMENT

1. Description: Computers for Library Services
   
   Document No.: P270031
   Contractor: Dell Marketing, LP, One Dell Way, RR8-8741, Round Rock, TX
   
   Amount: $28,189.86
   Term: 20 days ARO
   Exemption No.: Section A8.220, No. 24
   Campus: UHM, Library Services
   Fund Source: General

2. Description: Bed Frames for Student Housing Dormitories
   
   Document No.: P272033
   Contractor: Dehler Manufacturing, 5201 W Dickens Ave., Chicago IL
   
   Amount: $51,478.00
   Term: August 16, 2004
   Exemption No.: Exempt procurement pursuant to approval by the President
   Campus: UHM, Student Housing Service
   Fund Source: Revolving

3. Description: Intercollegiate Athletic Accident Insurance
   
   Document No.: P272240
   Contractor: Somerton Student Insurance Service, 7277 Lone Pine Dr., Ste. C202, P. O. Box 1287, Rancho Muriet, CA
   
   Amount: $89,775.00
   Term: August 1, 2004
   Exemption No.: Section A8.220, No. 26
   Campus: UHM, Athletic Dept.
   Fund Source: Revolving

4. Description: Interdepartmental Assignment Agreement for the Services of a DOE Teacher (JoAnn Soong) to Serve as Associate Faculty in the UH College of Education
   
   Document No.: C050026
   Contractor: State of Hawaii, Department of Education, 1390 Miller St., Honolulu, HI
   
   Amount: $52,944.00
   Term: July 26, 2004 - July 25, 2006
   Exemption No.: Section A8.220, No. 9
   Campus: UHM, College of Education
   Fund Source: Special
5. Description: Legal Liability Insurance  
   Document No.: P268507  
   Contractor: Marsh USA, Inc., P. O. Box 31000, Honolulu, HI  
   Amount: $300,000.00  
   Term: Deliver on or before July 1, 2004  
   Exemption No.: Section A8.220, No. 26  
   Campus: UH System, Office of the Vice President for Administration and Chief Financial Officer  
   Fund Source: Special  

6. Description: Medical Malpractice Insurance for School of Medicine  
   Document No.: P269325  
   Contractor: Doctors Co., P. O. Box 1320, Suisun City, CA  
   Amount: $738,265.00  
   Term: July 1, 2004 - June 30, 2005  
   Exemption No.: Section A8.220, No. 26  
   Campus: UHM, School of Medicine  
   Fund Source: Special

E. EMERGENCY PROCUREMENT  
   None
### UNIVERSITY CONTRACTS PROCESSED IN SEPTEMBER, 2004 FOR INFORMATION AND REVIEW BY THE BOARD OF REGENTS

#### A. CONTRACTS AWARDED AS A RESULT OF COMPETITIVE SOURCE SELECTION

1. **Description:** IFB No. 04-135, Architectural Barrier Removal, Honolulu and Leeward Community Colleges, Project No. CC-04-4256  
   **Document No.:** 52248  
   **Contractor:** Stan's Contracting, Inc., 99-1280 Waiua Pl., “Aiea, HI  
   **Amount:** $783,530.00  
   **Term:** September 13, 2004 - January 11, 2005  
   **Campus:** Honolulu CC & Leeward CC  
   **Fund Source:** Bond

2. **Description:** IFB No. 04-030, Relocate/Remove Transformers, Maui CC, Project No. CC-00-5307  
   **Document No.:** 51926  
   **Contractor:** BCP Construction of Hawai‘i, Inc., 5 Sand Island Access Rd., Box 112, Honolulu, HI  
   **Amount:** $219,919.00  
   **Term:** September 7, 2004 - May 15, 2005  
   **Campus:** Maui CC  
   **Fund Source:** Bond

3. **Description:** IFB No. 04-080, Repair/Replace Exterior Building Lights, Twelve Buildings, Kaua‘i CC, Project No. CC-97-3177  
   **Document No.:** 52137  
   **Contractor:** R. Electric, Inc., P. O. Box 951, Līhu‘e, HI  
   **Amount:** $178,268.00  
   **Term:** September 19, 2004 - January 13, 2005  
   **Campus:** Kaua‘i CC  
   **Fund Source:** Bond

4. **Description:** IFB No. 04-120, Bilger Addition, General Mechanical Repairs, Phase 1, UHM, Project No. UHM 02-541-602  
   **Document No.:** 52084  
   **Contractor:** HSI Mechanical, Inc., 227 Puuhale Rd., Honolulu, HI  
   **Amount:** $1,511,970.00  
   **Term:** September 3, 2004 - March 25, 2005  
   **Campus:** UHM, Facilities Planning & Management Office  
   **Fund Source:** Bond
5. Description: RFQ No. 04-142, Campus Center, General Repairs and Waterproofing, UHM, Project No. UHM 055-010-04

Document No.: C050036
Contractor: Color Dynamics, Inc., 816 Gulick Ave., Honolulu, HI
Amount: $90,700.00
Term: September 7, 2004 - January 10, 2005
Campus: UHM, Facilities Planning & Management Office
Fund Source: Bond

6. Description: IFB No. 04-124, Reroof Building 2214, UH Co-op Extension Service, Maui CC, Project No. CC-03-5321

Document No.: 52171
Contractor: Central Construction, Inc., 353 Hanamau St., Ste. 2, Kahului, HI
Amount: $237,600.00
Term: October 4, 2004 - March 3, 2005
Campus: Maui CC
Fund Source: Bond

7. Description: RFP No. 04-123, High Capacity Dedicated Backhaul Data Connectivity Service from Southern Cross Cable Network (SCCN) Cable Landing Station to UH Gigapop

Document No.: C050027
Contractor: Pacific LightNet, Inc., 737 Bishop St., Ste. 1900, Honolulu, HI
Amount: $499,996.80
Term: September 9, 2004 - September 8, 2009, renewable for a total of 10 years
Campus: UH System, Information Technology Services
Fund Source: Various

8. Description: IFB No. 04-090, Fire Hydrants and Waterline Improvements, UH Hilo, Project No. UHH-01-004

Document No.: 52179
Contractor: Jas W. Glover, Ltd., 890 Leilani St., Hilo, HI
Amount: $1,674,750.00
Term: October 4, 2004 - May 7, 2005
Campus: UH-Hilo
Fund Source: Bond
9. Description: IFB No. 05-002, Lease and Maintenance of 13 Copiers for Auxiliary Services, UHM
   Document No.: C050042
   Contractor: Business Works of Hawai‘i, Inc., 99-1046 Iwaena St., “Aiea, HI
   Amount: $22,890.83/year (Lease)
   Term: December 27, 2004 - December 26, 2005, renewable for a total of 5 years
   Campus: UH System, Auxiliary Services
   Fund Source: Special

10. Description: IFB No. 04-054, Renovate Building 8807, Library Stairwells, Honolulu CC, Project No. CC-03-1239
    Document No.: 51928
    Contractor: Joon Ho Son dba MJ Construction Co., 94-170 Leoole St., Waipahu, HI
    Amount: $110,500.00
    Term: September 30, 2004 - March 29, 2005
    Campus: Honolulu CC
    Fund Source: Bond

11. Description: IFB No. 04-096, Retrofit/Replace Air Conditioning System, Bldg. 8814, Honolulu CC, Project No. CC-03-1245
    Document No.: 52554
    Contractor: HSI Mechanical, Inc., 227 Puuhale Rd., Honolulu, HI
    Amount: $89,983.00
    Term: September 27, 2004 - February 5, 2005
    Campus: Honolulu CC
    Fund Source: Bond

12. Description: IFB No. 04-071, Replace/Upgrade Air Conditioning at College Hall A & B and Redwood City (PB 10-14), UH-Hilo, Project No. UHH-00-020
    Document No.: 52170
    Contractor: Stan’s Contracting, Inc., 99-1280 Waiua Pl., “Aiea, HI
    Amount: $1,758,700.00
    Term: October 4, 2004 - August 12, 2005
    Campus: UH-Hilo, Facilities Planning & Construction Office
    Fund Source: Bond
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Document No.</th>
<th>Contractor</th>
<th>Amount</th>
<th>Term</th>
<th>Campus</th>
<th>Fund Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.</td>
<td>IFB No. 04-086, Resurface Science Building Parking Lot, Maui CC, Project No. CC-03-5319</td>
<td>52246</td>
<td>BG Incorporated dba BG Equipment Rental &amp; Leasing, 900 Eha St., Ste. 208, Wailuku, HI</td>
<td>$293,021.00</td>
<td>September 30, 2004 - March 29, 2005</td>
<td>Maui CC</td>
<td>Bond</td>
</tr>
<tr>
<td>15.</td>
<td>IFB No. 04-052, Reroof Building 4463C (Machine Shop), Kauai CC, Project No. CC-97-3191</td>
<td>52198</td>
<td>Commercial Sheetmetal Co., Inc., 94-142 Leoleo St., Waipahu, HI</td>
<td>$291,000.00</td>
<td>October 11, 2004 - January 9, 2005</td>
<td>Kauai CC</td>
<td>Bond</td>
</tr>
<tr>
<td>16.</td>
<td>IFB No. 04-077, Renovate Building 8802 for PCATT Program, Phase V, Honolulu CC, Project No. CC-03-1251</td>
<td>52124</td>
<td>Site Engineering, Inc., 545 Kaaahi St., Honolulu, HI</td>
<td>$269,500.00</td>
<td>October 4, 2004 - April 2, 2005</td>
<td>Honolulu CC</td>
<td>Bond</td>
</tr>
<tr>
<td>17.</td>
<td>RFQ No. 05-010, Transportation Services for the Outreach College Elderhostel Program, UHM</td>
<td>P276970</td>
<td></td>
<td>$18,951.50</td>
<td>September 28, 2004 - June 26, 2005</td>
<td>UHM, Outreach College</td>
<td>Special</td>
</tr>
</tbody>
</table>
## B. PROFESSIONAL SERVICES PROCUREMENT

1. **Description:** Legal Services to Represent the UH in Connection with All Matters Involving UH and Evan S. Dobelle including, but not limited to, Litigation, Alternative Dispute Resolution, and Negotiation
   
   **Document No.:** C050028  
   **Contractor:** McCorriston Miller Mukai MacKinnon LLP, Five Waterfront Plaza, 4th Floor, 500 Ala Moana Blvd., Honolulu, HI  
   **Amount:** $75,000.00 (Est.)  
   **Term:** July 25, 2004 until matters are resolved  
   **Campus:** UH System  
   **Fund Source:** General

2. **Description:** Legal Services for the UH Board of Regents with Regard to an Employment Agreement between the UH and Interim President Designate David McClain
   
   **Document No.:** C050044  
   **Contractor:** Mintz Levin Cohn Ferris Glovsky and Popeo PC, 701 Pennsylvania Ave., N.W., Washington, DC  
   **Amount:** $10,000.00 (Est.)  
   **Term:** August 26, 2004 until matters are resolved  
   **Campus:** UH System  
   **Fund Source:** General

3. **Description:** A/E Design Services for Student Services Building Renovations, Maui CC, Project No. CC-03-5326
   
   **Document No.:** 52279  
   **Contractor:** GYA Architects, Inc., 2145 Wells St., Ste. 303, Wailuku, HI  
   **Amount:** $100,000.00  
   **Term:** October 4, 2004 - June 1, 2005  
   **Campus:** Maui CC  
   **Fund Source:** Bond

4. **Description:** Legal Services to Assist the Firm of McCorriston Miller Mukai MacKinnon and the Firm of Marr Hipp Jones & Wang in Connection with All Matters Involving the UH and Evan S. Dobelle including, but not limited to, Litigation, Alternative Dispute Resolution, and Negotiation
   
   **Document No.:** C050029  
   **Contractor:** Jerry Michael Hiatt, Attorney At Law, A Law Corporation dba Law Offices of Jerry M. Hiatt, 65-1279 Kawaihae Rd., Ste. 204, Kamuela, HI  
   **Amount:** $75,000.00 (Est.)  
   **Term:** July 20, 2004 until matters are resolved  
   **Campus:** UH System  
   **Fund Source:** General
C. SOLE SOURCE PROCUREMENT

1. Description: Live Cell Imager for Cell & Molecular Biology Research for School of Medicine
   Document No.: P274159
   Contractor: Olympus America, Inc., 2 Corporate Center Dr., Melville, NY
   Amount: $71,663.81
   Term: 30 days after receipt of order
   Justification: This Olympus IX2-DSU Live Cell Imager is the only component that will expand the capability of the department's existing Olympus IX71 fluorescent microscope and allow researchers to determine localization of proteins and locations of their interactions in live cells.
   Campus: UHM, School of Medicine
   Fund Source: Revolving

2. Description: Enabled Optical Profiler System for College of Engineering
   Document No.: P276269
   Contractor: Veeco Tucson, Inc., 2650 E. Elvira Rd., Tucson, AZ
   Amount: $145,000.00
   Term: 14 weeks after receipt of order
   Justification: This Veeco NT1100 Enabled Optical Profiler System is the only optical interferometer that will allow for static 3D measurements and dynamic measurements on the same platform which is essential for the department's microelectromechanical research projects.
   Campus: UHM, College of Engineering
   Fund Source: Revolving

3. Description: High Pressure Liquid Chromatography System for Office of Research Services
   Document No.: P275508
   Contractor: Thermo Electron, 265 Davidson Ave., Ste. 101, Somerset, NJ
   Amount: $28,610.00
   Term: 30 days after receipt of order
   Justification: This High Pressure Liquid Chromatography System from Thermo Electron is the only system that will work with the ChromQuest software, also from Thermo Electron, which the department presently has. This instrument will enable detection and analysis of trace organic chemicals in a wide variety of samples required for research.
   Campus: UHM, Office of Research Services
   Fund Source: Revolving
D. EXEMPT PROCUREMENT

1. Description: Tuition, Fees and Student Support for NMC Classes to Provide Technical Instruction in Physical, Occupational and Speech Therapy
   Document No.: P274898
   Contractor: Northern Marianas College, P. O. Box 501250, CK, Saipan, MP
   Amount: $29,394.00
   Term: 30 days after receipt of order
   Exemption No.: Section A8.220, No. 9
   Campus: UHM, College of Education
   Fund Source: Federal

2. Description: Furnish, Deliver, Install, and Maintain Beverage Vending Machines for Leeward CC
   Document No.: C030112
   Contractor: Coca Cola Bottling Company of Hawaii, 949 Mapunapuna St., Honolulu, HI
   Amount: Concession Contract
   Term: April 1, 2003 - March 31, 2005, renewable
   Campus: Leeward CC
   Fund Source: Accounts Receivable

3. Description: Medical Malpractice Insurance for Faculty at School of Medicine
   Document No.: P277104
   Contractor: Doctors Co., P. O. Box 1320, Suisun City, CA
   Term: 30 days after receipt of order
   Exemption No.: Section A8.220, No. 26
   Campus: UHM, School of Medicine
   Fund Source: Special

4. Description: Provide, Operate, and Maintain the MauiFEST Hawaii Drive-In Theater at Maui CC
   Document No.: C050031
   Contractor: Jazz Alley TV/MauiFEST Hawaii, P. O. Box 336, Makawao, HI
   Amount: Concession Contract
   Term: One year, renewable for a total of two years
   Exemption No.: Section 304-4 (e), HRS
   Campus: Maui CC
   Fund Source: Accounts Receivable
5. **Description:** Claims Deductible Expense for Defense Costs for Malpractice Cases Involving School of Medicine  
   **Document No.:** P275926  
   **Contractor:** Doctors Co., P. O. Box 1320, Suisun City, CA  
   **Amount:** $103,705.45  
   **Term:** 30 days after receipt of order  
   **Exemption No.:** Section A8.220, No. 11  
   **Campus:** UHM, School of Medicine  
   **Fund Source:** Special

6. **Description:** Affiliation Agreement to Provide Facilities and Clinical Medical Education Programs for School of Medicine  
   **Document No.:** C050039  
   **Contractor:** Wahiawa General Hospital, 128 Lehua St., Wahiawa, HI  
   **Amount:** $50,000.00  
   **Term:** July 1, 2004 - June 30, 2005  
   **Exemption No.:** Section A8.220, No. 23  
   **Campus:** UHM, School of Medicine  
   **Fund Source:** Special

**E. EMERGENCY PROCUREMENT**

1. **Description:** Repair Ruptured Domestic Cold Water Line at Business Administration Building Tower E/G, UHM  
   **Document No.:** P272628  
   **Contractor:** Heide & Cook, Ltd., 1714 Kanakanui St., Honolulu, HI  
   **Amount:** $26,505.29  
   **Term:** Completed on August 13, 2004  
   **Justification:** Repair necessary to supply water to towers E and G and to address health and safety of staff and students  
   **Campus:** UHM, Facilities, Grounds, and Safety Office  
   **Fund Source:** Special

2. **Description:** Remove and Replace Existing 35-Ton A/C Chiller on Main Building Roof of Leahi Hospital  
   **Document No.:** P277178  
   **Contractor:** Island Wide AC Service LLC, 1029 Ulupono St., Honolulu, HI  
   **Amount:** $67,796.44  
   **Term:** 4-5 weeks after receipt of order  
   **Justification:** Prevent damage to research equipment, experiments and research. Address health and safety of staff due to discontinuation of A/C service.  
   **Campus:** UHM, School of Medicine  
   **Fund Source:** Special
UNIVERSITY CONTRACTS PROCESSED IN OCTOBER/NOVEMBER, 2004 FOR INFORMATION AND REVIEW BY THE BOARD OF REGENTS

CONTRACTS AWARDED AS A RESULT OF COMPETITIVE SOURCE SELECTION

1. Description: RFQ No. 05-018, Furnish and Deliver 5 Neighborhood Electric Vehicles (NEV) for Auxiliary Enterprises, UHM
   Document No.: P280183
   Contractor: eVehicles of Hawaii, LLC, 831 Queen St., Honolulu, HI
   Amount: $68,323.26
   Term: 45 Days ARO
   Campus: UHM, Auxiliary Enterprises
   Fund Source: Trust

2. Description: RFQ No. 05-030, Furnish and Deliver Zeiss Axiovert 200 Mot H/DIC Microscope and Accessories for Cancer Research Center, UH
   Document No.: P278638
   Contractor: Carl Zeiss Microimaging, Inc., One Ziess Dr., Thornwood, NY
   Amount: $63,092.56
   Term: 10 Days ARO
   Campus: UHM, Cancer Research Center of Hawaii
   Fund Source: Revolving

3. Description: Relocation Services for Dr. Gary Ostrander from Maryland to Hawai‘i
   Document No.: P282304
   Contractor: Azar Storage, Inc., 1799 Margaret Ave., Anapolis, MD
   Amount: $35,873.00
   Term: November 9 - December 4, 2004
   Campus: UHM, Manoa Chancellor's Office
   Fund Source: Special

4. Description: RFQ No. 05-025, Air Conditioning Maintenance Services for Library Services, UHM
   Document No.: C050053
   Contractor: Honeywell International, Inc., 250 Ward Ave., Ste. 100, Honolulu, HI
   Amount: $28,123.20
   Term: November 1, 2004 - October 31, 2005, renewable for 4 additional years
   Campus: UHM, Library Services
   Fund Source: Special
5. Description: RFP No. 05-020, Banking Services for UH  
Document No.: C050052  
Contractor: Bank of Hawai‘i, P.O. Box 2900, Honolulu, HI  
Term: November 1, 2004 - October 31, 2008, renewable for 3 additional years  
Campus: UH System, Financial Management Office

6. Description: RFP 05-007, Provide Non-Exclusive Collection Agency Services for UH  
Document No.: C050049  
Contractor: Nationwide Credit, Inc. (NCI), 2015 Vaughn Rd., Bldg. 300, Kennesaw, GA  
Amount: First Placement Accounts 24%; Second Placement Accounts 34%; Litigation Accounts 34%  
Term: November 1, 2004 - October 31, 2007, renewable for 2 additional years  
Campus: UH System, Financial Management Office  
Fund Source: Accounts Receivable

7. Description: RFP 05-007, Provide Non-Exclusive Collection Agency Services for UH  
Document No.: C050050  
Contractor: The CBE Group, Inc., 131 Tower Park Dr., Ste. 100, Waterloo, IA  
Amount: First Placement Accounts 25%; Second Placement Accounts 35%; Litigation Accounts 35%  
Term: November 1, 2004 - October 31, 2007, renewable for 2 additional years  
Campus: UH System, Financial Management Office

8. Description: RFP 05-007, Provide Non-Exclusive Collection Agency Services for UH  
Document No.: C050051  
Contractor: Todd, Bremer & Larson, Inc., 325 W. Oakland Ave., Rock Hill, SC  
Amount: First Placement Accounts 25%; Second Placement Accounts 30%; Litigation Accounts 35%  
Term: November 1, 2004 - October 31, 2007, renewable for 2 additional years  
Campus: UH System, Financial Management Office  
Fund Source: Accounts Receivable
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Document No.</th>
<th>Contractor</th>
<th>Amount</th>
<th>Term</th>
<th>Campus</th>
<th>Fund Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>RFQ 05-033, Provide Tax Forms for the Disbursing and Bursar's Office, UH</td>
<td>P284161</td>
<td>SBL Solutions LLC, 5333 Likini St., Ste. 801, Honolulu, HI</td>
<td>$28,991.05</td>
<td>Deliver on or before January 31, 2005</td>
<td>UH System, Financial Management Office</td>
<td>General</td>
</tr>
<tr>
<td>10</td>
<td>Remove &amp; Dispose of Clay Sludge Material Inside 22 Solids Interceptors &amp; 280 ft. of 5 ft. Diameter Drain Line at Art Bldg., UHM</td>
<td>P284743</td>
<td>Eckard Brandes, Inc., 101D N. Kainalu Dr., Kailua, HI</td>
<td>$34,900.00</td>
<td>1 Week ARO</td>
<td>UH, Facilities Planning &amp; Management Office</td>
<td>Special</td>
</tr>
<tr>
<td>11</td>
<td>IFB No. 04-127, Repair and Upgrade Sports Facilities, Phase 4, UH-Hilo, Project No. UHH-00-010D</td>
<td>52601</td>
<td>Isemoto Contracting Co., Ltd., 648 Piilani St., Hilo, HI</td>
<td>$113,600.00</td>
<td>December 6, 2004 - April 15, 2005</td>
<td>UH-Hilo, Facilities Planning &amp; Construction Office</td>
<td>Bond</td>
</tr>
<tr>
<td>13</td>
<td>RFQ No. 05-040, Installation &amp; Removal of Gravity Steam Sterilizer for WRRC, UHM</td>
<td>P286239</td>
<td>Steris, 5960 Heisley Rd., Mentor, OH</td>
<td>$36,817.47</td>
<td>Deliver on or before December 15, 2004</td>
<td>UHM, Water Resources Research Center</td>
<td>Revolving &amp; Federal</td>
</tr>
</tbody>
</table>
PROFESSIONAL SERVICES PROCUREMENT

1. Description: A/E Design Services for Transportation Services, Repair Shop Improvements, UHM, Project No. UHM 132-001-04

   Document No.: C050043
   Contractor: Sato & Associates, Inc., 2046 So. King St., Honolulu, HI
   Amount: $52,903.60
   Term: October 26, 2004 - February 23, 2005
   Campus: UHM, Auxiliary Services
   Fund Source: Special

2. Description: Provide Legal Services to Represent UH in Connection with Jane Doe and John Doe vs. Hawaii CC, etc., Civil No. CV04-00883 DAE LEK

   Document No.: C050035
   Contractor: Goodsill, Anderson, Quinn & Stifel, 1099 Alakea St., Ste. 1800, Alii Pl., Honolulu, HI
   Amount: $25,000.00
   Term: March 1, 2004 until matters are resolved
   Campus: UH System, Risk Management
   Fund Source: Special

3. Description: Provide Legal Consultation Concerning Insurance Coverage and Remuneration Issues under the UH Insurance Policy with National Union Fire Insurance Co. of Pittsburgh, PA Concerning Evan Dobelle

   Document No.: C050046
   Contractor: Roeca Louie & Hiraoka, A Limited Liability Law Partnership, 900 Davies Pacific Center, 841 Bishop St., Honolulu, HI
   Amount: $5,000.00
   Term: September 13, 2004 until matters are resolved.
   Campus: UH System, Risk Management
   Fund Source: Special

4. Description: Provide Legal Services to Represent Linus Chao and Agents in Connection with Jane Doe and John Doe vs. Hawai‘i Community College, Civil No. CV04-00883 DAE LEK

   Document No.: C050041
   Contractor: Crudele & De Lima, 101 Aupuni St., Ste. 133, Hilo, HI
   Amount: $10,000.00
   Term: March 1, 2004 until matters are resolved
   Campus: UH System, Risk Management
   Fund Source: Special
Attachment #3 - Board of Regents’ Meeting, 1/20/05

5. Description: Provide Legal Services to Represent the UH in Matters Relating to the Federal Communications Commission and Related Matters

Document No.: C050058
Contractor: Fletcher, Heald & Hildreth, P.L.C., Attorneys At Law, 1300 N. 17th St., 11th Floor, Arlington, VA
Amount: $20,000.00
Term: November 15, 2004 until matters are resolved
Campus: UH System, Information Technology Services
Fund Source: Special

SOLE SOURCE PROCUREMENT

1. Description: ISDN PRI Lines to Provide Digital Dial Tone for Cancer Research Center

Document No.: C050054
Contractor: Time Warner Telecom of Hawai‘i, L.P. Dba Oceanic Communications, P.O. Box 30050, Honolulu, HI
Amount: $69,224.40
Term: August 15, 2004 - August 14, 2007
Justification: Time Warner of Hawaii, L.P. is the only company that can provide the continued telephone service for Cancer Research Center since the firm initially installed the system.
Campus: UHM, Cancer Research Center of Hawai‘i
Fund Source: Revolving

2. Description: Sequencing Reagents for SOEST

Document No.: P282398
Contractor: Applied Biosystems, 850 Lincoln Centre Dr., Foster City, CA
Amount: $37,228.00
Term: 3 days after receipt of order
Justification: Only reagents from Applied Biosystems can be used on the department's ABI 3100 genetic analyzer since both the instrument and the reagents are proprietary to Applied Biosystems.
Campus: UHM, School of Ocean, Earth, Science & Technology
Fund Source: Revolving

EXEMPT PROCUREMENT

1. Description: Computers for UHM, College of Natural Sciences

Document No.: P278544
Contractor: Dell Computer Corp., One Dell Way, RR8, Round Rock, TX
Amount: $110,534.35
Term: 30 days after receipt of order
Exemption No.: Section A8.220, No. 24
Campus: UHM, College of Natural Sciences
Fund Source: Special
2. Description: Cisco Equipment and Switches for Information Technology Services
   Document No.: P279751
   Contractor: IBM Corporation, 1240 Ala Moana Blvd, Honolulu, HI
   Amount: $160,155.23
   Term: 21 days after receipt of order
   Exemption No.: Section A8.220, No. 24
   Campus: UH System, Information Technology Services
   Fund Source: Special, Revolving

3. Description: Computers for Kapiolani CC
   Document No.: P281393
   Contractor: Dell Financial Services, One Dell Way, RR3 Box 8405, Round Rock, TX
   Amount: $43,046.02
   Term: 30 days after receipt of order
   Exemption No.: Section A8.220, No. 24
   Campus: Kapiolani Community College
   Fund Source: Special

4. Description: Life Insurance for Evan S. Dobelle
   Document No.: P282719
   Contractor: Lincoln Life, P. O. Box 5109, Carol Stream, IL
   Amount: $39,500.00
   Term: October 9, 2004
   Exemption No.: Section A8.220, No. 26
   Campus: UH System
   Fund Source: General

5. Description: Services of State of Hawaii, Department of Education Certified Educational Officer to Establish and Implement an 'Ohana Hawaiian Medium Evolution P-20 Module
   Document No.: C050056
   Contractor: State of Hawaii, Department of Education, 1390 Miller St., Honolulu, HI
   Amount: $262,618.00
   Term: August 1, 2004 - July 31, 2007
   Exemption No.: Section A8.220, No. 9
   Campus: UH-Hilo
   Fund Source: Special
6. Description: Computers for UHM, Library Services  
Document No.: P283971  
Contractor: Dell Computer Corp., One Dell Way, RR8, Round Rock, TX  
Amount: $114,010.83  
Term: 14 days after receipt of order  
Exemption No.: Section A8.220, No. 24  
Campus: UHM, Library Services  
Fund Source: Special

7. Description: UH Organizational Membership Dues for National Association of State Universities and Land-Grant Colleges  
Document No.: P283825  
Contractor: NASULGC, Dept. 0545, Washington, DC  
Amount: $30,016.00  
Term: December 31, 2004  
Exemption No.: Section A8.220, No. 5  
Campus: UH System  
Fund Source: General

8. Description: UH Support Fees for Western Interstate Commission for Higher Education Students Enrolled in Cooperating Programs  
Document No.: P285658  
Contractor: Western Interstate Commission for Higher Education, P. O. Box 9752, Boulder, CO  
Amount: $523,383.00  
Term: 30 days after receipt of order  
Exemption No.: Section A8.220, No. 5  
Campus: UH System  
Fund Source: General

9. Description: Computers for UHM, Natural Sciences Department  
Document No.: P285444  
Contractor: Dell Computer Corp., One Dell Way RR8, Round Rock, TX  
Amount: $180,966.72  
Term: 30 days after receipt of order  
Exemption No.: Section A8.220, No. 24  
Campus: UHM, College of Natural Sciences  
Fund Source: Revolving, Federal
EMERGENCY PROCUREMENT

1. Description: Emergency Services to Provide Labor and Materials for Recovery of Data from Damaged Data Processing Equipment Related to 10/30/04 Hamilton Library Flood Damage

   Document No.: P283497
   Contractor: Ontrack Data Recovery, Inc., 9028 Columbine Rd., Eden Prairie, MN
   Amount: $62,688.00
   Term: 1 week ARO
   Justification: Emergency Procurement, Section A8.260 (Recover data from flood damaged data processing equipment.)
   Campus: UHM, Library Services
   Fund Source: Special

2. Description: Emergency Rental of Generator to Provide Electricity for Hale Wainani

   Document No.: P285276
   Contractor: Generators of Hawaii Corporation, P. O. Box 37718, Honolulu, HI
   Amount: $29,019.29
   Term: October 14, 2004 - October 17, 2004
   Justification: Emergency Procurement, Section A8.260 (Emergency electrical power for dormitory residents needed due to severe transformer oil leak.)
   Campus: UHM, Student Housing Service
   Fund Source: Revolving

3. Description: Emergency Services to Assess and Clean Water and Mud from Bio-Medical Science Basement, the Hamilton Library Phase I Basement and Sub-basement, and the Hamilton Library Phase II Basement Due to Flood Damage

   Document No.: P285816
   Contractor: Hawaiian Steam, Inc., 96-1272 Waihona St., Unit 8, Pearl City, HI
   Amount: $207,273.99
   Term: October 31, 2004 - November 12, 2004
   Justification: Emergency Procurement, Section A8.260 (Emergency sludge and mud disposal services needed to protect health and safety of staff and students.)
   Campus: UHM, Facilities Planning & Management Office
   Fund Source: Special

4. Description: Emergency Services to Furnish Materials, Supply All Equipment, and Perform All Labor Necessary to Provide Dehumidification Services at Hamilton Library

   Document No.: C050057
   Contractor: Hawaii Restorative LLC, 99-807 Iwaena St., Aiea, HI
   Amount: $140,497.23
   Term: November 1, 2004 - November 11, 2004
   Justification: Emergency Procurement, Section A8.260 (Water removal, drying, and dehumidifier services due to flood damage.)
   Campus: UHM, Library Services
   Fund Source: Special
5. Description: Emergency Services for Repairs to UH Parking Structure Elevators 1 & 2

Document No.: P285437  
Contractor: Schindler Elevator Corporation, 98-723 Kuahao Pl., Pearl City, HI  
Amount: $55,212.00  
Term: As soon as possible  
Justification: Emergency Procurement, Section A8.260 (Heavy rainfall on October 30, 2004 caused severe flooding in the parking structure rendering elevators inoperable.)  
Campus: UHM Auxiliary Services  
Fund Source: Bond

6. Description: Emergency Services for Repairs to UH Parking Structure Elevators 3 & 4

Document No.: P285438  
Contractor: Schindler Elevator Corporation, 98-723 Kuahao Pl., Pearl City, HI  
Amount: $86,006.00  
Term: As soon as possible  
Justification: Emergency Procurement, Section A8.260 (Heavy rainfall on October 30, 2004 caused severe flooding in the parking structure rendering elevators inoperable.)  
Campus: UHM Auxiliary Services  
Fund Source: Bond

7. Description: Emergency Services for Repairs to UH Parking Structure Elevators 5 & 6

Document No.: P285439  
Contractor: Schindler Elevator Corporation, 98-723 Kuahao Pl., Pearl City, HI  
Amount: $33,108.60  
Term: As soon as possible  
Justification: Emergency Procurement, Section A8.260 (Heavy rainfall on October 30, 2004 caused severe flooding in the parking structure rendering elevators inoperable.)  
Campus: UHM Auxiliary Services  
Fund Source: Bond

8. Description: Emergency Services for Repairs to UH Parking Structure Elevators 7 & 8

Document No.: P285441  
Contractor: Schindler Elevator Corporation, 98-723 Kuahao Pl., Pearl City, HI  
Amount: $224,379.30  
Term: As soon as possible  
Justification: Emergency Procurement, Section A8.260 (Heavy rainfall on October 30, 2004 caused severe flooding in the parking structure rendering elevators inoperable.)  
Campus: UHM System, Auxiliary Enterprises  
Fund Source: Bond
9. Description: Emergency Services for Repairs to UH Parking Structure Elevators 9 & 10

<table>
<thead>
<tr>
<th>Document No.</th>
<th>P285442</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor</td>
<td>Schindler Elevator Corporation, 98-723 Kualao Pl., Pearl City, HI</td>
</tr>
<tr>
<td>Amount</td>
<td>$224,379.30</td>
</tr>
<tr>
<td>Term</td>
<td>As soon as possible</td>
</tr>
<tr>
<td>Justification</td>
<td>Emergency Procurement, Section A8.260 (Heavy rainfall on October 30, 2004 caused severe flooding in the parking structure rendering elevators inoperable.)</td>
</tr>
<tr>
<td>Campus</td>
<td>UHM Auxiliary Services</td>
</tr>
<tr>
<td>Fund Source</td>
<td>Bond</td>
</tr>
</tbody>
</table>

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