

Board of Regents' Monthly and Committee Meetings, October 21-22, 2004

Thursday, October 21, 2004

I. State Board for Career and Technical Education (posted separately)

Time: 10:00 a.m.

Place: University of Hawai'i at Hilo
University Classroom Building (UCB), Room 127
200 West Kawili Street
Hilo, HI 96720-4091

- Agenda:
1. Second Installment of the State's Vocational Education Grant
 2. Update on the Perkins Act Reauthorization
 3. Career and Technical Education Conference, November 3, 2004

II. Committee on University and External Affairs

Time: 10:30 a.m. (or immediately following the meeting of the State Board for
Career and Technical Education)

Place: University Classroom Building (UCB), Room 127
(Same as above)

- Agenda:
1. Legislative Proposals, 2005 Legislature

III. Committee on Finance and Facilities

Time: 11:00 a.m. (or immediately following the meeting of the Committee on
University and External Affairs)

Place: University Classroom Building (UCB), Room 127
(Same as above)

- Agenda:
1. Agreement Between the University of Hawai'i at M~noa and Blackwell's North America, Inc. dba Blackwell's Book Services
 2. Courtside Seating for Men's Basketball Games
 3. Proposed Revision to the Lease Agreement with Kenneth A. Bansemer and Patricia A. Bansemer in Kealakekua in Support of the University of Hawai'i Center, West Hawai'i
 4. Draft Request for Proposals for Student Housing on the University of Hawai'i at M~noa Campus (information only)

Board of Regents' Monthly and Committee Meetings, October 21-22, 2004

Thursday, October 21, 2004 (Continued)

IV. Committee on Personnel and Legal Affairs

Time: 12:00 p.m. (or immediately following the meeting of the Committee on Finance and Facilities)

Place: University Classroom Building (UCB), Room 127
(Same as above)

- Agenda: 1. Call to Order
2. Pacific Aerospace Training Center

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

3. Personnel Actions Related to the Following Positions:
- a. Implementation of Indexing of Executive Employees to the 20th Percentile of the Respective 2003-2004 College and University Professional Association for Human Resources Comparable Classes
 - b. Salaries of Chancellors, Community Colleges
 - c. Associate Vice President for Administration, University of Hawai'i System
 - d. Interim Dean, School of Ocean and Earth Science and Technology, UH-M~noa
 - e. Interim Dean, College of Natural Sciences, UH-M~noa
 - f. Interim Dean, Outreach College, UH-M~noa
 - g. Associate Dean, College of Tropical Agriculture and Human Resources, UH-M~noa
 - h. Dean, School of Social Work, UH-M~noa
 - i. Dean, College of Business Administration, UH-Manoa
 - j. Head Baseball Coach, UH-M~noa
 - k. Interim Assistant Vice Chancellor for Academic Affairs, UH-M~noa
 - l. Vice Chancellor for Research and Graduate Education, UH-M~noa
 - m. Director, Cancer Research Center of Hawai'i, UH-M~noa
 - n. Chancellor, UH-West O'ahu
 - o. Emeritus Title, Kapi'olani Community College
 - p. Executive Searches
 - q. Interim President, University of Hawai'i System

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

Board of Regents' Monthly and Committee Meetings, October 21-22, 2004

Thursday, October 21, 2004 (Continued)

V. Committee on Budget and Long-Range Planning

Time: 2:00 p.m. (or immediately following the meeting of the Committee on Personnel and Legal Affairs)

Place: University Classroom Building (UCB), Room 127
(Same as above)

- Agenda:
1. Draft Request for Qualifications for the Development of the Cancer Research Center of Hawai'i on the Kaka'ako Waterfront (information only)
 2. Draft Request for Qualifications for the Development of the University of Hawai'i-West O'ahu Campus (information only)

VI. Joint Committee on Community Colleges and Committee on Academic Affairs

Time: 2:30 p.m. (or immediately following the meeting of the Committee on Budget and Long-Range Planning)

Place: University Classroom Building (UCB), Room 127
(Same as above)

- Agenda:
1. Community Colleges' Accreditation Progress Reports

VII. Committee on Academic Affairs

Time: 3:00 p.m. (or immediately following the meeting of the joint Committee on Community Colleges and Committee on Academic Affairs)

Place: University Classroom Building (UCB), Room 127
(Same as above)

- Agenda:
1. Overview of University of Hawai'i at Hilo
 2. Proposed College of Pharmacy for the University of Hawai'i at Hilo
 3. Establishment of a Doctorate in Hawaiian and Indigenous Language and Culture Revitalization; the Certificate in Indigenous Language and Culture Revitalization; and the Master of Arts in Indigenous Language and Culture Education

Board of Regents' Monthly Meeting, October 22, 2004

Friday, October 22, 2004

Time: 8:30 a.m.
Place: Hawai'i Community College
Cafeteria
200 West Kawili Street
Hilo, HI 96720-4091

AGENDA

- I. Call Meeting to Order
- II. Approval of Minutes of the Board of Regents' September 10, 2004 Meeting and Minutes of the Special Board of Regents' Meetings of October 1, 2004 and September 2, 2004
- III. Recommendation - General - For Board Action
 - A-1.....Agreement Between the University of Hawai'i at M~noa and Blackwell's North America, Inc. dba Blackwell's Book Services
 - A-2.....Courtside Seating for Men's Basketball Games
 - A-3.....Proposed Revision to the Lease Agreement with Kenneth A. Bansemer and Patricia A. Bansemer in Kealahou in Support of the University of Hawai'i Center, West Hawai'i
 - A-4.....Proposed College of Pharmacy for the University of Hawai'i at Hilo
 - A-5.....Establishment of a Doctorate in Hawaiian and Indigenous Language and Culture Revitalization; the Certificate in Indigenous Language and Culture Revitalization; and the Master of Arts in Indigenous Language and Culture Education
 - A-6.....Community Colleges' Accreditation Progress Reports
 - A-7.....Legislative Proposals, 2005 Legislature
 - A-8.....Capital Improvement Program and Repairs and Maintenance Project Contracts for FY 2004-2005
- IV. Gifts, Grants and Contracts - For Board Action (See Attachment #1, pgs. 5-70)
- V. Appointments, Changes in Appointments, Leaves of Absence, Promotion, Tenure, Waiver of Minimum Qualifications, Emeritus Titles, Shortening of Probationary Period (Attachment #2, pgs. 71-73); Resignations and Retirements of Board of Regents Appointees and Civil Service Employees (Attachment #2, pgs 74-79).
- VI. Report of Executive Officer
- VII. New or Other Business
 - A. Recommendation by the Task Group on the Kaka'ako Biomedical Research Center
 - B. Appointment of Interim President, David McClain
- VIII. Announcement by Chairperson of Next Meeting of the Board

Date and Time:	November 19, 2004
Place:	Maui Community College
- IX. Adjournment

GIFTS, GRANTS AND CONTRACTS

The following gifts, grants, and contracts received during the period July 16, 2004 through September 15, 2004 total \$73,842,986. The University of Hawai'i at Hilo received a total of \$2,973,268 during the same period.

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

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| 1. | DA-Cooperative State Research Service
"Detection of Ralstonia solanacearum and Development of Cultural Practices to Reduce Establishment of Bacterial Wilt Disease in Hawaii" | \$64,708 |
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Alvarez, Anne M Plant & Environmental
This project involves detection of invasive bacterial species, characterization of strains to predict risk, and development of pest management strategies for strains already introduced into Hawai'i.

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| 2. | DA-Cooperative State Research Service
"The Invasiveness of the Noxious Weed Gorse (Ulex europaeus L.) Influenced by Symbiosis in the Agricultural and Natural Habitats of Hawaii" | \$79,080 |
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Borthakur, Dulal Molecular Biosciences &
This research will identify conditions that are favorable for gorse infestation and use this information to develop management strategies for control of gorse.

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| 3. | DA-Cooperative State Research Service
"Characterization and Cloning of Pathogen-Inducible Genes and Promoters to Improve Resistance of Papaya to Fungal Disease" | \$85,187 |
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Christopher, David A Molecular Biosciences &
The research will increase resistance of papaya to fungal disease, leading to lower production costs and fungicide use and improved fruit yield and quality.

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| 4. | DA-Cooperative State Research Service
"Genetic Transformation of Sugarcane Chloroplasts to Improve Expression and Containment of Genes Encoding Human Vaccines" | \$85,187 |
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Christopher, David A Molecular Biosciences &
This research will allow the production of safe and stable human vaccines in plants to fight infant dysentery.

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| 5. | DA-Cooperative State Research Service
"Determining the Impacts of Water Pumping and Alien Species Invasion on Stream Flow for a Sustainable Water Resource Management in Makaha Valley,..." | \$65,026 |
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Fares, Ali Natural Resources &
This research will use Makaha Valley as a test case to develop an integrated decision support system at the watershed continuum by combining multi-scale field experiments with a strong numerical modeling and geospatial component to help understand hydrological processes under different land uses, i.e. invasive species, and variable weather conditions.

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| 12. | <p>DA-Cooperative State Research Service</p> <p>"Economical and Eco-Friendly Molecular Farming Using a Novel Plant Culture System"</p> <p>Su, Wei-Wen W Molecular Biosciences &</p> <p>The goal of this project is to develop an economical and environmentally-friendly production platform for accelerated, large-scale manufacturing of high-value recombinant proteins.</p> | \$86,931 |
| 13. | <p>DA-Cooperative State Research Service</p> <p>"Tropical and Subtropical Agricultural Research (TSTAR) for Hawaii: Management 2004"</p> <p>Vincent, Douglas L Coll, Trop Ag & Human Res</p> <p>This grant to the UH-CTAHR provides the resources necessary to effectively manage and coordinate the Pacific Basin Administrative Group, the Pacific part of the CSREES Special Grant entitled, "Tropical and Subtropical Agricultural Research (TSTAR) Special Grants Program".</p> | \$90,265 |
| 14. | <p>DA-Cooperative State Research Service</p> <p>"Hawaii Floriculture Research Grant - 2004"</p> <p>Vincent, Douglas L Coll, Trop Ag & Human Res</p> <p>The floral and nursery crops industry in Hawaii, particularly in cut flowers, orchids, and foliage is one of the fastest growing sectors of Hawaii's diversified agriculture. In order to remain competitive, the challenges facing Hawaii's floriculture industry are addressed through the research and development funded by this grant.</p> | \$331,522 |
| 15. | <p>DA-Cooperative State Research Service</p> <p>"Tropical and Subtropical Agricultural Research (TSTAR) Umbrella A -2004"</p> <p>Vincent, Douglas L Coll, Trop Ag & Human Res</p> <p>Provide research that maintains and enhances production of established tropical and subtropical agricultural products. Develop agricultural practices in the tropics and subtropics that are environmentally acceptable through an agroecosystems approach. Involves research on various pests, plants, and diseases.</p> | \$958,732 |
| 16. | <p>DA-Cooperative State Research Service</p> <p>"Hawaii Agricultural Diversification 2004 - New Crop/Product Development and Marketing"</p> <p>Vincent, Douglas L Administration - CTAHR</p> <p>Research on marketing, provide entrepreneurs an opportunity to become successful through the Agribusiness incubator concept. Research will help define the risks in and help minimize their impacts on the development of high-value agricultural products for niche markets as an essential component of the diversification of agribusiness in Hawaii.</p> | \$105,865 |
| 17. | <p>DA-Dept of Agriculture</p> <p>"Epidemiology of Banana Bunchy Top in Hawaii"</p> <p>Almeida, Rodrigo Plant & Environmental</p> <p>Study of biological factors affecting the epidemiology of banana bunchy top virus and its aphid vector in Hawai'i.</p> | \$66,590 |

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| 18. | DA-Dept of Agriculture
"Surveys of Invasive Alien Species of Terrestrial Snails and Slugs in Hawaii, Especially Those of Horticultural Concern"
Cowie, Robert H Pacific Biomed Rsrch Cntr
The proposed project will survey alien snails and slugs in Hawaii, focusing on horticultural facilities (e.g., greenhouses, nurseries) in order to ascertain the identity and distribution of the species present, in order that efforts can be made to limit their accidental spread to the U.S. mainland. | \$35,000 |
| 19. | DA-Dept of Agriculture
"Understanding the Disease Cycle of Phytophthora Ramorum in California Oak and Tanoak Woodlands: Inoculum Production, Infection Thresholds, ..."
Davidson, Jennifer Zoology
Phytophthora ramorum (Sudden Oak Death) poses an increased threat of destruction to temperate oak forests. In order to design better management strategies for forecasting and controlling the spread of P. ramorum, we need to understand the transmission biology of this pathogen. The experiments outlined in this proposal are designed to describe, and ultimately forecast, transmission of P. ramorum in oak woodlands. | \$78,800 |
| 20. | DA-Dept of Agriculture
"Modeling Current and Alternative Best Management Practices on Hanalei Watershed Using AnnAGNPS"
Fares, Ali Natural Resources &
Land use changes have profound impact on the sustainability of Hawaii's natural resources and environmental quality. This project will evaluate the performance of a decision management tool, a water quality model, which will be used to establish best management practices for Hanalei watershed. | \$35,000 |
| 21. | DA-Dept of Agriculture
"Support of Agri Research of Mutual Interest"
Grace, J Kenneth Plant & Environmental
R9 | \$1,915 |
| 22. | DA-Dept of Agriculture
"Management of Formosan Subterranean Termites in Hawaii Through School Campus Based Research and Suppression"
Grace, J Kenneth Plant & Environmental
Evaluate, implement and refine termite management in Hawaii, using school campuses to extend results. | \$250,000 |
| 23. | DA-Dept of Agriculture
"Funding for Research Activities of Mutual Interest"
Grace, J Kenneth Plant & Environmental
R9 | \$9,000 |

24. DA-Dept of Agriculture \$165,000
 "Transgenic Citrus Plants with Broad and Durable Resistance to Citrus tristeza Virus"
 Hu, John Plant & Environmental
 Citrus plants imported from Spain and elsewhere will be tested for resistance to Citrus tristeza virus under field conditions. We will also work to develop citrus that has broad resistance to the virus.
25. DA-Dept of Agriculture \$65,761
 "Field Evaluation of Genetically Engineered Banana Plants for Banana Bunchy Top Virus Resistance in Hawaii"
 Hu, John Plant & Environmental
 Develop and evaluate transgenic banana plants for resistance to BBTV
26. DA-Dept of Agriculture \$51,924
 "Toward Organic Farming: Using Animal and Green Manures, and Manure-based Composts to Improve Soil Quality and Crop Productivity"
 Hue, Nguyen V Tropical Plant & Soil Science
 To study processes occurring during the conversion of conventional to organic farming. To quantify effects of organic amendments to soil quality. To make recommendations on organic application rates for optimal crop production in Hawai'i.
27. DA-Dept of Agriculture \$47,259
 "Controlling Invasive Species Using Native Plant Agroforestry Systems"
 Idol, Travis Natural Resources &
 Invasive species threaten the environment, culture, and economy of Hawaii. We intend to use a multi-purpose agroforestry system to control invasive species and support the culture and economy of Hawaii.
28. DA-Dept of Agriculture \$22,000
 "Monitoring of Forest Health in Hawaii's Dry Forest Ecosystems"
 Idol, Travis Natural Resources &
 This research will help assess the mechanisms of decline of Hawaii's dry forest ecosystems through a monitoring program including remote sensing/spatial data analysis and collection of data in the field on insect and pathogen damage to native plants, competition with exotic species, and investigation of root dynamics.
29. DA-Dept of Agriculture \$77,614
 "Innovation of Detection Mechanisms for Dissolved Nitrogen and Bicarbonate in Agriculture and the Environment" Jenkins, Daniel
 Molecular Biosciences &
 Miniature sensors will be fabricated for improved response time, sensitivity, and reduced sample requirements. These will be integrated into systems to measure lactate and histidine decarboxylase to demonstrate the usefulness of the sensor class to a variety of applications.

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| 30. | DA-Dept of Agriculture
"Genetic Host-matching in Biocontrol of Strawberry Guava"
Manshardt, Richard M Tropical Plant & Soil Science
Characterize genetic variation in strawberry guava and its proposed
insect biocontrol agent to identify genotypes optimally adapted for
biocontrol of Hawaiian strawberry guava populations. | \$30,000 |
| 31. | DA-Dept of Agriculture
"IPM Strategies for Control of Tephritid Fruit Flies that Infest
Hawaii-Grown Fruits & Vegetables"
Mau, Ronald Plant & Environmental
R9 | \$590,641 |
| 32. | DA-Dept of Agriculture
"Ecological and Genetic Change in a Biocontrol Agent
Following Introduction to a New Environment"
Messing, Russell H Plant & Environmental
Quantify extent of genetic, ecological and behavioral evolution in
introduced biological control agents in Hawaii, and application to
risk assessment protocols. | \$376,224 |
| 33. | DA-Dept of Agriculture
"Increasing Sustainability of Tropical Pastures Through
Selection of Legumes Tolerant to Drought and Aluminum"
Miyasaka, Susan C Tropical Plant & Soil Science
Our overall project objective is to increase the sustainability of
mixed pastures through selection or genetic engineering of both
drought and aluminum-tolerant legumes. Genetic analysis of the
pasture legume, barrel medic, will determine genes involved in host
plant response and nodulation response to excess aluminum. | \$35,569 |
| 34. | DA-Dept of Agriculture
"Resistance of Papaya Cultivars to Enterobacter cloacae:
Significance to Food Quality of Value Added Products"
Nishijima, Wayne T Plant & Environmental
Enterobacter cloacae causes internal yellowing of papaya, and is a
cause of rejection for fresh fruit preparations, and cannot be
determined without cutting fruits open. This project will examine
the genetic control of resistance among the commercial cultivars
which could lead to future breeding of papayas for resistance. | \$87,000 |
| 35. | DA-Dept of Agriculture
"Tropical Fruit Production and Handling - A Workshop"
Paull, Robert E Tropical Plant & Soil Science
To organize a workshop of researchers from Caribbean and Pacific
involved in tropical fruit. | \$34,040 |
| 36. | DA-Dept of Agriculture
"Post-Translation Processing of a Cell Wall Endoxylanase
Expressed During Fruit Softening"
Paull, Robert E Tropical Plant & Soil Science
Post-translational processing of a cell wall endoxylanase
expressed during fruit ripening. | \$120,000 |

Attachment #1 - Board of Regents' Meeting, 10/22/04

37.	DA-Dept of Agriculture "Multi-Cropping Strategies for Aquaculture: A Collaborative Approach to Aquaculture Research and Extension - 2004" Vincent, Douglas L Coll, Trop Ag & Human Res The ultimate goal of the proposed project is to develop the aquaculture industry in Hawaii to become a significant contributor to the State's economy.	\$103,078
38.	DA-Dept of Agriculture "Molecular Improvement of Pineapple" Vincent, Douglas L Coll, Trop Ag & Human Res R9	\$257,916
39.	DA-Dept of Agriculture "Environmental Effects of Tephritid Fruit Fly Eradication and Control" Vincent, Douglas L Coll, Trop Ag & Human Res R9	\$216,840
40.	DA-Dept of Agriculture "Pests and Diseases of Papayas" Vincent, Douglas L Coll, Trop Ag & Human Res R9	\$257,916
41.	DA-Dept of Agriculture "Communication in Agricultural Biotechnology" Wieczorek, Anna Tropical Plant & Soil Science R9	\$57,401
 FROM: DHHS-Dept of Health & Human Services		
1.	NIH-Nat'l Cancer Institute (NCI) "Regulation of Cx43 by Src and Novel Interacting Proteins" Lau, Alan F Cancer Research Center This project will continue the investigation of the regulation of connexin43 (Cx43) channels by phosphorylation induced by the Src tyrosine kinase oncoprotein and begin the exploration of another regulatory mechanism involving the interaction of novel proteins with Cx43.	\$92,510
2.	NIH-Nat'l Cancer Institute (NCI) "Genes, Diet and Carcinogen Activation in Smokers" Le Marchand, Loic Cancer Research Center To investigate the effects of diet and genes on the metabolism of tobacco carcinogens and lung cancer.	\$741,454
3.	NIH-Nat'l Cancer Institute (NCI) "Hawaii Colorectal Cancer Family Registry" Le Marchand, Loic Cancer Research Center To collect data, blood & tissue to determine genetic risk factors for colorectal cancer.	\$833,306

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| 4. | NIH-Nat'l Cancer Institute (NCI)
"Regulation of Tumor Promotion by RasGRP1"
Lorenzo, Patricia S Cancer Research Center
The aim of the project is to investigate the role of a novel diacylglycerol receptor. RasGRP1, in tumor promotion in skin. | \$280,519 |
| 5. | NIH-Nat'l Cancer Institute (NCI)
"Breast Density, IGF-I, & Prolactin in Four Populations"
Maskarinec, Gertraud Cancer Research Center
This project will investigate the relation between soy intake during different stages of life and markers of proliferation in cancerous and normal breast tissue from breast cancer cases and from healthy women. | \$68,150 |
| 6. | NIH-Nat'l Cancer Institute (NCI)
"Evaluating Errors in Reported Use of Dietary Supplements"
Murphy, Suzanne P Cancer Research Center
To assess supplement use among a multiethnic cohort. | \$56,761 |
| 7. | NIH-Nat'l Cancer Institute (NCI)
"University of Guam/Cancer Research Center of Hawaii Partnership"
Vogel, Carl-Wilhelm Cancer Research Center
The UOG & CRCH is engaged in a long-term partnership of mutual benefit in the area of cancer research, cancer training, career development and cancer outreach. | \$228,328 |
| 8. | NIH-Nat'l Center for Research Resources
"Selective Research Excellence in Biomedicine and Health"
Cadman, Edwin C Dean's Office- MED
The goal of this program is to improve the infrastructure for research in biomedicine and health at UHM by developing new research programs in molecular pharmacology, immunogenetic diseases, pathobiology of HIV-associated disorders, developing an HIV immunology and vaccine core, and to partially support core facilities for molecular biology, computer network support and biostatistics and data management. | \$2,778,974 |
| 9. | NIH-Nat'l Center for Research Resources
"RCMI Clinical Research Infrastructure Initiative"
Cadman, Edwin C Dean's Office- MED
The primary mission of the Clinical Research Center (CRC) is to provide expertise and infrastructure necessary to foster clinical research in Hawaii. The CRC provides clinical and laboratory facilities, as well as research personnel to assist in the design, implementation and analysis of clinical research studies. | \$1,706,492 |
| 10. | NIH-Nat'l Center for Research Resources
"Pacific Center for Emerging Infectious Diseases Research"
Yanagihara, Richard T Pediatrics- MED
The major goal of this project is to establish a center of research excellence for emerging infectious diseases in the Asia-Pacific | \$1,887,843 |

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| 11. | <p>NIH-Nat'l Inst of Diabetes, Digestive, Kidney
 "Alternative Mechanisms of UGA Codon Recognition"
 Berry, Marla J Cell & Molecular Biology
 Studies include investigation of the functions of selenoprotein P in protecting neuronal cells from oxidative damage and investigating the efficiency of selenocysteine incorporation into selenoprotein P.</p> | \$204,450 |
| 12. | <p>NIH-Nat'l Inst of Drug Abuse
 "Monitoring Methamphetamine Abuse Treatment with 1H MRS"
 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 with MRS, neuropsychological tests and spinal taps.</p> | \$345,000 |
| 13. | <p>NIH-Nat'l Inst of Environmental Health Sciences
 "Effects of Volcanic Air Pollution on Respiratory Health"
 Tam, Elizabeth K School of Medicine
 Residents of Big Island communities are engaged to study the effects of volcanic air pollution on their respiratory health.</p> | \$290,105 |
| 14. | <p>NIH-Nat'l Inst of General Medical Sciences
 "Cyclopentannelation in Total Synthesis"
 Tius, Marcus A Chemistry
 To continue work on the synthesis.</p> | \$184,590 |
| 15. | <p>NIH-Nat'l Inst of Mental Health (NIMH)
 "Pacific People's Mental Health Research Support Program"
 Andrade, Naleen N Psychiatry- MED
 Core research infrastructure support of the Pacific People's Mental Health Research Support Program and two pilot projects examining mental health of 1) adolescents and 2) adults in the state of Hawaii.</p> | \$597,851 |
| 16. | <p>NIH-Nat'l Inst of Neurological Disorders & Stroke
 "Autonomic Function/Insulin Resistance/Multiethnic Population"
 Grandinetti, Andrew Pacific Biomed Rsrch Cntr
 This project investigates the role of insulin resistance as a correlate of autonomic function assessed by measuring heart rate variability and sweat responses. The project also compares these markers of autonomic function in a multiethnic cohort, and will provide preliminary data for future cohorts studies.</p> | \$303,590 |
| 17. | <p>NIH-Nat'l Inst of Neurological Disorders & Stroke
 "Development of Gene Transfer Approaches for NeuroAIDS"
 Lu, Yuanan Pacific Biomed Rsrch Cntr
 To test different viral vectors for their transduction of primary cultures of monocyte-derived macrophages and then characterize these cultures for anti-HIV replication and immunoactivation.</p> | \$290,372 |

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| 18. | NIH-Nat'l Inst of Neurological Disorders & Stroke
"Genetic Determinants - JC Virus Replication/Pathogenicity"
Nerurkar, Vivek R School of Medicine
To study the pathogenesis of progressive multifocal
leukoencephalopathy. | \$315,040 |
| 19. | NIH-Nat'l Inst of Neurological Disorders & Stroke
"University of Hawaii SNRP"
Rayner, Martin D Pacific Biomed Rsrch Cntr
This administrative supplement is a one-time only request for partial
support of salary and fringe benefits for Karen Quinn, a technician
for Project 1 of the SNRP. Karen Quinn will be the data collector
for Project 1 while Dr. Yanagihara, Project 1 investigator, develops
an R01 application to be submitted in Year 2005. | \$50,000 |
| 20. | NIH-Nat'l Inst of Neurological Disorders & Stroke
"University of Hawai'i NeuroAIDS SNRP"
Shikuma, Cecilia M School of Medicine
To study the effects of aging and HIV infection on neuro-cognitive
function and to investigate the role that macrophages play in AIDS
related dementia. | \$1,422,632 |
| 21. | NIH-Nat'l Inst of Nursing Research
"Cognitive Behavioral Intervention in Diabetes
Self-Management"
Inouye, Jillian Nursing
To determine the effectiveness of cognitive/behavioral interventions
in enhancing self-management, quality of life and glycemic control.
To identify unique responses of Asian/Pacific Islanders with
diabetes and to develop culturally relevant interventions for these | \$257,589 |

FROM: DOC-Dept of Commerce

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| 1. | DOC-National Oceanic & Atmospheric
"Hawaii Mapping Research Group Operational Support for
Multibeam Bathymetry and Acoustic Imaging Aboard R/V
AHI"
Appelgate, T Bruce Haw Inst Geophys & Planet
The Hawaii Mapping Research Group will collaborate with
researchers from the National Marine Fisheries Service to conduct
shipboard data acquisition of multibeam sonar data to map shallow
water areas in the Hawaiian Archipelago. | \$22,807 |
| 2. | DOC-National Oceanic & Atmospheric
"Hawaii Coral Reef Initiative Research Program (HCRI-RP),
Phase 7"
Hamnett, Michael P Social Science Rsrch Inst
The Hawaii Coral Reef Initiative Research Program is dedicated to
bringing scientists and managers closer together so as to find the
problems facing our reefs in Hawaii and develop solutions to these
problems. | \$1,205,925 |

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| 3. | DOC-National Oceanic & Atmospheric
"Acquisition of Initial Sedimentation Rate Data around Sea Cages Operating off the Coast of Oahu"
Helsley, Charles E Sea Grant - SOEST
Environmental monitoring of Hawai Offshore Aquaculture Research Project. | \$20,000 |
| 4. | DOC-National Oceanic & Atmospheric
"Continuation of Cooperative Agreement for Coral Reef Mapping and Monitoring Efforts in the Pacific Islands"
Jokiel, Paul L Haw Inst Marine Bio-SOEST
Continuation of coral reef mapping and benthic habitat classification work in Hawaii and the Pacific. Provide map validation and accuracy assessment in the field, and assist with program promotion at the local and regional level. | \$56,374 |
| 5. | DOC-National Oceanic & Atmospheric
"Mapping the Essential Fish Habitat for the Main Hawaiian Islands Bottomfish Fishery Deep Species Complex"
Malahoff, Alexander HURL - SOEST
This research supports other Federal and State of Hawaii funded efforts to map essential fish habitat within the main Hawaiian Islands bottomfish fishery deep species complex. | \$50,000 |
| 6. | DOC-National Oceanic & Atmospheric
"Hawaii Undersea Research Laboratory: Base & Operational Funding"
Malahoff, Alexander HURL - SOEST
To serve as one of six National Undersea Research Centers whose sole mission is to study deepwater marine processes in the Pacific Ocean. | \$1,258,722 |
| 7. | DOC-National Oceanic & Atmospheric
"Ecophysiology and Ecology of Invasive and Native Deepwater Macroalgae in Hawai'i: Potential Indicators of Anthropogenic Eutrophication"
Smith, Celia M Botany
This study will characterize deep water algal communities and train divers in latest technologies. | \$82,162 |
| 8. | DOC-National Oceanic & Atmospheric
"Ho'o Kahua Hou: Replenishment of Alien-dominated Hawaiian Coasts - Efforts to Identify and Remove Alien Biomass and Replant Native Species"
Smith, Celia M Botany
This proposal will develop techniques for removal of alien algae and restoration of coastal regions around O'ahu. | \$247,369 |

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| 9. | DOC-National Oceanic & Atmospheric
"Submarine Canyon & Scavenger Communities of the Main and Northwest Hawaiian Islands"
Smith, Craig R Oceanography - SOEST
Studies of community structure, organic enrichment and scavenger assemblages in deep sea canyons and the open slope of the Hawaiian archipelago. | \$43,000 |
| 10. | DOC-National Oceanic & Atmospheric
"Submersible Support for 'Voyage Discovery in the Pacific Ocean'"
Wiltshire, John C HURL - SOEST
Continued submersible operations for the NOAA Ocean Exploration Program. | \$310,653 |
| FROM: DOD-Dept of Defense | | |
| 1. | DOD-Dept of Air Force
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui | \$190,000 |
| 2. | DOD-Dept of Air Force
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui | \$225,000 |
| 3. | DOD-Dept of Air Force
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui | \$60,000 |
| 4. | DOD-Dept of Air Force
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui | \$45,000 |
| 5. | DOD-Dept of Air Force
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui | \$5,500 |

6.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui	\$5,000
7.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K Info Technology Services Cost reimbursement award term contract for research development, operations and management of the Maui Supercomputing Center.	\$496,531
8.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui	\$5,500
9.	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	\$119,600
10.	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.	\$262,500
11.	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.	\$574,250
12.	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	\$45,000
13.	DOD-Dept of Army "Active Hyperspectral Sensor Research" Madey, John Physics & Astronomy Research on optical sensors employing a wavelength-agile, spectrally bright laser illuminator and a matched, hyperspectral optical receiver.	\$100,000

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| 14. | DOD-Dept of Army
"Active Hyperspectral Sensor Research"
Madey, John Physics & Astronomy
Research on optical sensors employing a wavelength-agile, spectrally bright laser illuminator and a matched, hyperspectral optical receiver. | \$100,000 |
| 15. | DOD-Dept of Army
"Active Hyperspectral Sensor Research"
Madey, John Physics & Astronomy
Research on optical sensors employing a wavelength-agile, spectrally bright laser illuminator and a matched, hyperspectral optical receiver. | \$125,000 |
| 16. | DOD-Dept of Navy
"Expansion of Cetacean Echolocation: Biosonar Experiments for Improved Navy Sonar Signal Processing"
Nachtigall, Paul E Haw Inst Marine Bio-SOEST
Echolocation experiments with dolphins and whales. | \$253,654 |
| 17. | DOD-Dept of Navy
"Development of a Semi-Autonomous Underwater Vehicle for Intervention Missions (SAUVIM)"
Yuh, Junku Mechanical Engineering
Research development and testing of autonomous underwater robotic vehicles and its associated technologies. | \$480,000 |

FROM: DOE-Dept of Energy

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| 1. | DOE-Dept of Energy
"Defining the Blue Light Signaling Pathways Regulating Photosynthetic Gene Expression in Plant Chloroplasts"
Christopher, David A Molecular Biosciences &
To characterize the processes that allow plants to sense and respond to blue light and convert it into chemically useful energy, such as carbohydrates and proteins. | \$105,593 |
| 2. | DOE-Dept of Energy
"Catalytically Enhanced Hydrogen Storage Systems"
Jensen, Craig M Chemistry
Development of catalyst containing materials as high performance hydrogen carriers for vehicular applications. | \$139,730 |

FROM: DOI-Dept of Interior

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| 1. | DOI-Fish & Wildlife
"Ola'a Kilauea Project, Phase 8"
Duffy, David Botany
Continue to coordinate a partnership managing the Ola'a Kilauea area of the island of Hawaii, as a collaborative effort between state, private and federal landowners, to protect some of the best remaining natural forest in the state. | \$100,000 |
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| 2. | DOI-Fish & Wildlife
"Conservation Biology of Federally Endangered Hawaiian Tree Snails"
Hadfield, Michael G Pacific Biomed Rsrch Cntr
To continue the conservation effort in three areas: (1) captive propagation of threatened and Hawaiian endangered tree snails; (2) monitor residual populations of Achatinella spp. in the Ko'olau and Wai'anae Mountains; and (3) periodically survey mountain areas on O'ahu that are unknown to us or where recent surveys have not been carried out. | \$83,000 |
| 3. | DOI-Fish & Wildlife
"Impact of Invasive Ants on Biota of Hawaiian Coastal Communities"
Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr
To provide services for wildlife management and to enhance the survivorship and productivity of seabirds on Oahu offshore island seabird sanctuaries. | \$40,000 |
| 4. | DOI-Geological Survey
"Ridge to the Reef"
Birkeland, Charles Zoology
How certain types of sedimentation affect reproduction and destruction of coral reef ecosystems. | \$26,876 |
| 5. | DOI-Geological Survey
"Research on Cultural Landscapes of Various Military Areas, Island of Hawaii, Phase 4"
Duffy, David Botany
Archeological surveys of various military lands on the island of Hawaii. | \$311,580 |
| 6. | DOI-Geological Survey
"Mauna Kea Fire Behavior and Ecology Research"
Duffy, David Botany
An examination of the role and importance of fire in the Mauna Kea area on Big Island. | \$37,000 |
| 7. | DOI-Geological Survey
"Ecosystem Research and Management on Various Training Areas, Island of Oahu"
Duffy, David Botany
To provide sound science to generate sustainable land management of several Army training areas on the Island of Oahu. | \$655,247 |
| 8. | DOI-Geological Survey
"Research on Cultural Landscapes of Various Military Lands on the Island of Oahu"
Duffy, David Botany
Monitor existing archeological sites on military training lands and survey for new ones on the island of O'ahu. | \$306,180 |

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| 9. | <p>DOI-Geological Survey \$158,760</p> <p>"Research on Cultural Landscapes of Makua Military Reservation on the Island of Oahu"</p> <p>Duffy, David Botany</p> <p>Survey for cultural deposits within Makua Military Reserve, implement site protection plans for cultural sites, monitor such sites and assist with relations with.</p> |
| 10. | <p>DOI-Geological Survey \$82,493</p> <p>"Hosts, Vectors and Avian Diseases: Island of Hawaii: Supplement 3"</p> <p>Duffy, David Botany</p> <p>To continue studying the effect of avian malaria on native Hawaiian birds.</p> |
| 11. | <p>DOI-Geological Survey \$320,421</p> <p>"Implementing a Plan to Protect Endangered Species on Various Training Areas, Island of Oahu"</p> <p>Duffy, David Botany</p> <p>Research and adaptive management to develop methods to save endangered plant and animal species on military training areas on Oahu.</p> |
| 12. | <p>DOI-Geological Survey \$167,452</p> <p>"Biological Stabilization Research and Management Actions at Makua Military Reservation, Island of Oahu"</p> <p>Duffy, David Botany</p> <p>Implement a research plan for adaptive management of rare and endangered species at Makua training area.</p> |
| 13. | <p>DOI-Geological Survey \$75,000</p> <p>"National Assessment: Historical Shoreline Change in the Hawaiian Islands"</p> <p>Fletcher, Charles H Geology & Geophys - SOEST</p> <p>To produce an historical shoreline change map for the island of</p> |
| 14. | <p>DOI-Geological Survey \$52,497</p> <p>"Sensitivity of Pacific Island Tropical Montane Cloud Forests to Climate Change: Observing Climatic and Hydrological Processes"</p> <p>Giambelluca, Thomas W Geography</p> <p>Conduct field measurements of hydrologically-sensitive canopy characteristics in forests below, within, and above the current fog zone in Hawai'i. Develop a model of cloud water interception based on surface wind velocity, liquid water content of surface air, and canopy characteristics.</p> |
| 15. | <p>DOI-Geological Survey \$57,876</p> <p>"Year 2 Continuation of USGS Cooperative Agreement 04WRAG001 'Coral Reef Investigations'"</p> <p>Jokiel, Paul L Haw Inst Marine Bio-SOEST</p> <p>Conduct studies of human impact on coral reefs of Hawai'i.</p> |

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| 16. | <p>DOI-Geological Survey</p> <p>"Create Internet Map Server of Incipient Alien Species as Part of the Pacific Basin Information Node - Spatial Data and Mapping (Hawaii Natural..."</p> <p>Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr</p> <p>Serve as a spatial data and technology center specializing in the collection, storage, dissemination, and/or synthesis of ecological data for Hawaii and the Pacific Basin by the creation and design of a database capable of tracking species locations and status over</p> | \$120,000 |
| 17. | <p>DOI-Nat'l Park Service</p> <p>"Big Island Hawksbill Seaturtle Survey and Population: Monitoring: Phase 2"</p> <p>Duffy, David Botany</p> <p>Continue to expand the search for additional surveys of nesting beaches of the Hawksbill on the island of Hawai'i.</p> | \$24,400 |
| 18. | <p>DOI-Nat'l Park Service</p> <p>"Restoration Ecology of Rare Plant Species at Kalaupapa, Hawaii: Phase 2 Supplement"</p> <p>Duffy, David Botany</p> <p>Supplemental assistance to support continued efforts to conserve rare and endangered plant species at Kalaupapa on Moloka'i.</p> | \$25,000 |
| 19. | <p>DOI-Nat'l Park Service</p> <p>"Foreign Exploration for Biocontrol Agents Against Miconia calvescens: Phase 3"</p> <p>Duffy, David Botany</p> <p>Continue international collaborations to find biocontrol agents to control the alien invasive weed species Miconia calvescens.</p> | \$50,000 |
| 20. | <p>DOI-Nat'l Park Service</p> <p>"Natural Resource Inventory, NPS Pacific Island Network Parks"</p> <p>Duffy, David Botany</p> <p>Develop monitoring plans for Hawaii's national park biological resources.</p> | \$326,995 |
| 21. | <p>DOI-Nat'l Park Service</p> <p>"Research on Strategies to Control Invasive Plant Species on Volcanoes on the Island of Hawaii: Phase 3. Controlling Incipient Invasive Plant ..."</p> <p>Duffy, David Botany</p> <p>Project examines three ways to control invasive alien weed species in natural areas in Hawaii Volcanoes National Park.</p> | \$222,210 |
| 22. | <p>DOI-Nat'l Park Service</p> <p>"Controlling Weeds in Maui Watersheds"</p> <p>Duffy, David Botany</p> <p>Continue efforts to find ways to deal with alien invasive weeds in Maui watershed</p> | \$300,000 |

FROM: ED-Dept of Education

1. ED-Dept of Education \$180,000
 "Field Initiated Research on Cultural and Linguistic Diversity and Transition Success"
 Stodden, Robert A Center on Disability Studies
 Creation of innovative use of consumer driven participations action to conduct four research activities: literature search; national survey; focus groups & case studies.
2. ED-Dept of Education \$322,868
 "Full TLT 2: Teen Literacy through Technology, Community Technology Centers in Kalihi, Oahu, Molokai, and American Samoa"
 Yuen, JoAnn Center on Disability Studies
 Kalihi Valley, Molokai, and American Samoa are areas with high levels of ESL, unemployment and attendant poverty, crime, and low educational attainment. To bridge the existing divide, our project seeks to boost literacy, math and science skills for all area residents, especially teenagers, via improved technology access in communities.

FROM: Agency for International Development

1. Agency for International Development \$140,000
 "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 \$293,816
 "New Mass Spectrometers for NBC & Environmental Characterization"
 Anderson, F Scott Haw Inst Geophys & Planet
 Design, build and test new mass spectrometer hardware.
2. National Science Foundation \$67,359
 "Acoustic Characterization of the Mesopelagic Boundary Sound Scattering Layer"
 Au, Whitlow Haw Inst Marine Bio-SOEST
 To determine the acoustic characteristics of the mesopelagic boundary community of micronekton.
3. National Science Foundation \$199,782
 "Design, Construction and Testing of Prototype Instrument for Contamination-Free Sampling of Crustal Fluids from Deep-Sea Boreholes"
 Cowen, James P Oceanography - SOEST
 Study of the design, construction and testing of prototype instrument for contamination-free sampling of crustal fluids from deep-sea boreholes.

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| 10. | National Science Foundation
"Collaborative Research: Multi-disciplinary Ocean Sensors for Environmental Analyses and Networks (MOSEAN)"
Karl, David M Oceanography - SOEST
To establish and maintain a physical-biogeochemical mooring for ocean measurements in Hawaiian waters. | \$139,999 |
| 11. | National Science Foundation
"Pacific Research Center for Marine Biomedicine"
Laws, Edward A Oceanography - SOEST
The proposed supplement will provide funding for two undergraduate students to work with scientists in the Pacific Research Center for Marine Biomedicine as part of a summer research experience for undergraduates (REU) program. | \$49,946 |
| 12. | National Science Foundation
"Development of Infrared Instrumentation for High-Resolution and High-Precision Solar Magnetic Fields Observations"
Lin, Haosheng Institute for Astronomy
This is a collaborative instrumentation project with the National Solar Observatory (NSO) to construct two new instruments that will be used at both the NSO sites and the Haleakala Observatory of the Institute for Astronomy, University of Hawaii. The facility Infrared spectropolarimeter (FIRS) will be permanently sited at NSO Dunn Solar Telescope for visitor research projects. The Infrared Imaging Spectropolarimeter (IRIS) will be used at both NSO and Haleakala Observatory. | \$1,978,755 |
| 13. | National Science Foundation
"Collaborative Rsch-Assembling the Tree of Life: An Integrated Approach to the Origin and Diversification of Protostomes"
Martindale, Mark Q Pacific Biomed Rsrch Cntr
Generate fate maps for organisms of key phylogenetic position. | \$217,342 |
| 14. | National Science Foundation
"Internal Tide Studies at the Hawaiian Ridge"
Merrifield, Mark A JIMAR - SOEST
Tidal modeling is proposed in support of the Hawaii Ocean Mixing Experiment. The model will be used to assess tidal energy conversion, to validate the model turbulent closure scheme, and to assess the sensitivity of the internal tide to changes in the background stratification and circulation. | \$490,749 |
| 15. | National Science Foundation
"Collaborative Research: Sampling and Initial Characterization of Hydrothermal Fluids, Deposits, Microfauna, and Megafauna at Vent Fields Along..."
Mottl, Michael J Oceanography - SOEST
Sampling and initial characterization of hydrothermal fluids, deposits, microfauna, and megafauna at vent fields along the Eastern Lau Spreading Center. | \$31,793 |

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| 16. | National Science Foundation
"Collaborative Research: Coastal Form Drag and Eddies"
Pawlak, Eugene Ocean & Resources
The proposed work explores the physics of form drag and its importance to the dissipation of tidal energy in coastal regions. This project will involve analysis of existing field data, numerical modeling and laboratory experiments. | \$183,350 |
| 17. | National Science Foundation
"The VYSOS Automatic Telescope Project"
Reipurth, Bo Institute for Astronomy
This proposal solicits funds to partially fund the development of a "Variable Young Stellar Objects Survey" (VYSOS), which consists of two identical 16 inch telescopes, one to be located in the northern hemisphere at the Haleakala Observatory in Hawaii, and the other one in the southern hemisphere at the Cerro Tololo Interamerican Observatory in Chile. | \$101,425 |
| 18. | National Science Foundation
"Collaborative Research: Anoxic Sediment Diagenesis at the Sulfate-methane Interface: Does a Novel Microbial Syntrophy Result in Enhanced POC"
Sansone, Francis J Oceanography - SOEST
The goal of this proposal is to study the details of the conversion of organic matter to carbon dioxide and methane, determine the rate at which this occurs within continental margin sediments, and quantify fluxes between the sediments and overlying water column. | \$85,761 |
| 19. | National Science Foundation
"Volcanic Eruptions on Mid-Ocean Ridges: Insights into Axial Magma Chamber Processes"
Sinton, John M Geology & Geophys - SOEST
Participate in Japanese cruise to East Pacific Rise - submersible diving on near-axis lava flows. | \$4,342 |
| 20. | National Science Foundation
"SGER: Physical Fractionation of Marine Microbes for Efficient Mining and Description of Microbial Diversity"
Steward, Grieg F Oceanography - SOEST
Development of methods for separation of single populations of intact microbial cells from complex marine communities for more efficient exploration of microbial genetic and biochemical diversity. | \$95,683 |
| 21. | National Science Foundation
"Information Repackaging via Multiresolution Transforms"
Szapudi, Istvan Institute for Astronomy
We propose to develop new techniques to characterize spatial clustering in large astronomical datasets. | \$275,122 |
| 22. | National Science Foundation
"Dynamics of the Boreal Summer Intraseasonal Oscillation"
Wang, Bin Meteorology - SOEST
This proposal is to understand the intraseasonal variability of atmosphere-ocean system in the tropical Indian Ocean and Western Pacific and predictability of the intraseasonal oscillation. | \$150,621 |

FROM: Nat'l Aeronautics & Space Administration

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| 1. | Nat'l Aeronautics & Space Administration
"Thermal Emission Spectroscopy of Particulate Martian Analogue Materials"
Hamilton, Victoria Haw Inst Geophys & Planet
Laboratory studies of geologic materials that are similar to materials that might be found on Mars. | \$44,000 |
| 2. | Nat'l Aeronautics & Space Administration
"New Tools for Advanced Hot Spot Tracking using MODIS Thermal Alerts"
Harris, Andrew Haw Inst Geophys & Planet
To use MODIS hot spot data to map lava flow inundation areas. | \$200,000 |
| 3. | Nat'l Aeronautics & Space Administration
"Empirical Radiative Transfer Corrections for Deterministic Coral Reef Remote Sensing"
Hochberg, Eric Haw Inst Marine Bio-SOEST
This project will develop methods for water column radiative transfer corrections in coral reef remote sensing imagery, with the goal of enabling deterministic remote sensing of these ecosystems. | \$115,289 |
| 4. | Nat'l Aeronautics & Space Administration
"Diversity of Comets: The Dust Coma"
Jewitt, David C Institute for Astronomy
This proposal will conduct a systematic observational effort to classify comets using the properties of their dust comae to theorize their origination region and degree of dynamical evolution. | \$65,000 |
| 5. | Nat'l Aeronautics & Space Administration
"The NASA Infrared Telescope Facility: Solar System Observations and Mission Support"
Kudritzki, Rolf-Peter Institute for Astronomy
Conduct research and mission support for NASA space missions using the NASA Infrared Telescope on Mauna Kea. | \$270,000 |
| 6. | Nat'l Aeronautics & Space Administration
"Small Outer Solar System Bodies: Observations and Modeling"
Meech, Karen J Institute for Astronomy
This program will investigate small outer solar system bodies for information on early solar system physical and chemical processes and its information. | \$147,031 |
| 7. | Nat'l Aeronautics & Space Administration
"Participation in the Cassini-Huygens Gas Chromatograph-Mass Spectrometer (GCMS) Team"
Owen, Tobias Institute for Astronomy
This project supports the participation of Dr. Tobias C. Owen as a member of the Gas Chromatograph-Spectrometer Team on the Huygens Probe of the Cassini Mission. | \$15,000 |

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| 8. | Nat'l Aeronautics & Space Administration
"Measurements of Aerosol Phase Functions and Scattering Coefficients with a Polar Nephelometer"
Porter, John N Haw Inst Geophys & Planet
Investigate aerosol optical properties. | \$80,000 |
| 9. | Nat'l Aeronautics & Space Administration
"The Massive Protostar IRAS 16547-4247 and its Non-Thermal Radio Outflow"
Reipurth, Bo Institute for Astronomy
This project will study the luminous outflow source IRAS 16547-4247, the first case of a radio outflow associated with a massive forming star. This investigation, will amongst other goals, investigate the relation between the radio, infrared, and X-ray | \$8,400 |
| 10. | Nat'l Aeronautics & Space Administration
"Probing the Evolution of Circumstellar Disks of Pre-Main Sequence Herbig Ae/Be Stars"
Simon, Theodore Institute for Astronomy
This project will take spectra from the FUSE satellite of a sample of Herbig Ae/Be stars. Analysis of the H2 lines in these spectra will allow us to quantify the gaseous content of the inner planet-forming regions of the disks around the stars and set timescales for planet building. | \$20,600 |
| 11. | Nat'l Aeronautics & Space Administration
"Novel Techniques for Fast CMB Analysis"
Szapudi, Istvan Institute for Astronomy
The aim of this proposal is to develop an array of techniques for statistical characterizations of the cosmic microwave background (CMB) based on fast clustering algorithms. | \$122,580 |

FROM: Hawaii- Government Agencies

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| 1. | CCH-Board of Water Supply
"Honolulu Membrane Bioreactor Pilot Test"
Babcock, Roger W Water Resource Research
Pilot test five innovative new wastewater treatment systems and conduct study of applicability in Hawai'i. | \$75,000 |
| 2. | Hawaii-Dept of Health
"Report Card on Violence Prevention"
Inazu, Judith K Social Science Rsrch Inst
To develop a violence prevention "report card" for Hawaii. | \$1,200 |
| 3. | Hawaii-Dept of Health
"Infant Immunization Focus Group Study (continuation)"
Niederhauser, Victoria School of Nursing
Conduct an Intervention study at Kalihi Palama Health Center to minimize organizational barriers to immunizations for children 6 months to 21 years. | \$97,150 |

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| 4. | Hawaii-Dept of Land & Natural Resources
"Are Honeycreepers Still Pollinating Lobelioids, and Does it Matter?"
Drake, Donald Botany
Examine the importance of native Hawaiian honeycreepers for the pollination of Hawaiian lobelioids, many of them believed to be endangered because their pollinators have gone extinct. | \$37,763 |
| 5. | Hawaii-Dept of Land & Natural Resources
"Watershed Protection in East Maui"
Duffy, David Botany
Continue to explore ways and to work with the community to protect natural ecosystems of East Maui for watershed values. | \$327,500 |
| 6. | Hawaii-Dept of Land & Natural Resources
"Natural Area Reserves Management"
Duffy, David Botany
Protect and management the remaining Natural Area Reserves. | \$435,257 |
| 7. | Hawaii-Dept of Land & Natural Resources
"Hawaiian Ecosystems: Management and Education : Koolau Watershed: Phase 10"
Duffy, David Botany
Monitoring hunting success at game check stations and running transects in native forest to determine impact of pigs and axis deer in the Koolau Watershed on Maui. | \$38,000 |
| 8. | Hawaii-Dept of Land & Natural Resources
"Hawaii's Comprehensive Statewide Aquatic Wildlife Conservation Strategy"
Duffy, David Botany
Develop a conservation strategy for Hawaii's aquatic wildlife. | \$130,000 |
| 9. | Hawaii-Dept of Land & Natural Resources
"Restoration Research on Oahu's Lowland Rare Plants FY 04-05"
Duffy, David Botany
Continue to develop effective conservation methods for lowland rare and endangered native Hawaiian plants on O'ahu. | \$60,000 |
| 10. | Hawaii-Dept of Land & Natural Resources
"Koolau Mountains Watershed Partnership Plan Implementation, 2004-2005"
Duffy, David Botany
Continue implementation of plan to restore and protect ecosystems of the Koolau watershed of Oahu. | \$21,079 |
| 11. | Hawaii-Dept of Land & Natural Resources
"Waihou, Pu'uwa'awa'a Weed Control Research"
Duffy, David Botany
Examine the effect of widespread herbicide use on fountaingrass reduction, recovery of native communities, and wildfire risk. | \$35,000 |

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| 12. | Hawaii-Dept of Land & Natural Resources
"Oahu Wildlife - Offshore Island Seabird Sanctuary
Research and Management"
Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr
To provide services for wildlife management and to enhance the
survivorship and productivity of seabirds on Oahu offshore island
seabird sanctuaries. | \$15,000 |
| 13. | Hawaii-Dept of Land & Natural Resources
"Research Internship with Annual Hunter Study"
Nitz, Lawrence H Political Science
Organize hunter survey data in statistical program; prepare
descriptive reports and graphs; assist in preparing presentation
material for public discussion. | \$4,723 |
| 14. | Hawaii-Dept of Land & Natural Resources
"Support for Ecology of Algae in Hawaii"
Smith, Celia M Botany
This program will support ecology of coastal regions for the DAR,
DLNR by providing algal expertise. | \$57,200 |

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

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| 1. | American Lung Association of Hawai'i
"Distribution and Characterization of Airborne Molds in
Hawaii"
Tam, Elizabeth K Medicine- MED
Establish a system to identify and monitor airborne molds in Big
Island communities. Correlate these observations with respiratory
health of Big Island schoolchildren. | \$35,000 |
| 2. | HCF-G.F. Straub Trust
"Bag-Mask Ventilation Effectiveness Comparing Pocket
Mask versus Standard Mask"
Yamamoto, Loren G Pediatrics- MED
The main goal of this project is to investigate ventilation efficacy
comparing the standard mask versus the pocket mask. Both mask
types will be tested via bag-mask ventilation of a manikin. Medical
students from John A. Burns School of Medicine will be the test
subjects. | \$3,000 |
| 3. | HCF-Hawaii Community Foundation - General
"Improving the Hawaiian Plant DNA Library for Taxonomic
and Natural Products Research"
Morden, Clifford W Botany
Collect plant samples from remote regions in the Hawaiian Islands
and extract DNA from leaf tissue; incorporate DNA samples into an
existing DNA library. | \$35,000 |
| 4. | HCF-Hawaii Community Foundation - General
"Hawaii County Drug Initiative"
Yuen, Sylvia H L Center on the Family
The Center on the Family at the University of Hawaii wishes to
ascertain the prevalence of and attitudes toward substance use in
Hawaii through a randomly selected representative sample of
households in the state. | \$100,000 |

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| 5. | HCF-Leahi Trust
"Study of Cellular Mechanisms of Lung Growth: Effects of NKCC Cotransporter Inhibition on Pulmonary Cell Proliferation"
Iwamoto, Lynn Pediatrics- MED
The goal of this project is to examine the effects of the sodium-potassium-chloride ion cotransporter inhibition by loop diuretics on lung and inner ear cell growth. | \$120,000 |
| 6. | Nat'l Resource Conservation Service
"Phosphorus Management through Farmer Adoption of Soil and Tissue Testing"
Deenik, Jonathan Tropical Plant & Soil Science
The purpose of the project is to upgrade and improve the soil nutrient management recommendation procedure currently used by the Agricultural Diagnostic Service Center (ADSC) at the University with the goal of increasing farmer adoption of soil and tissue testing as a means to promote fertilizer management that reduces potential for environmental contamination. We focus on phosphorus because levels are high to excessive on large areas of crop land throughout the state. Having appropriate and locally validated phosphorus recommendations is also necessary in order to implement nutrient management planning according to NRCS standards and specifications. | \$33,000 |
| 7. | Nat'l Resource Conservation Service
"Characterizing Nitrogen Mineralization and Plant N Supply from Animal Manures and Effluent in Hawaii's Soils"
Deenik, Jonathan Tropical Plant & Soil Science
The purpose of the project is to upgrade and improve the soil nutrient management recommendation procedure currently used by the Agricultural Diagnostic Service Center (ADSC) at the University with the goal of increasing farmer adoption of soil and tissue testing as a means to promote fertilizer management that reduces potential for environmental contamination. We focus on phosphorus because levels are high to excessive on large areas of crop land throughout the state. Having appropriate and locally validated phosphorus recommendations is also necessary in order to implement nutrient management planning according to NRCS standards and specifications. | \$18,700 |
| 8. | Tri-Isle Resource Conservation & Development
"Coqui Frog & Banana Bunchy Top Virus on Maui"
Duffy, David Botany
Investigate and implement ways to control coqui frogs and banana bunchy top on Maui. | \$43,000 |
| FROM: Hawaii- Business and Other | | |
| 1. | ABR, LLC
"Scale-up of an Edible Mushroom Liquid Culture Process for Commercial Production of Novel Bioactive Compounds - Phase 2"
Su, Wei-Wen W Molecular Biosciences &
Optimize and conduct scale-up studies of a fungal fermentation process for producing bioactive compounds. | \$9,000 |

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| 2. | Applied Marine Solutions
"HMRG Support of Applied Marine Solutions Acoustic Mission Planning for CEROS"
Edwards, Margo H Haw Inst Geophys & Planet
This project will create software for an acoustic feedback planning software system under development for CEROS. | \$51,000 |
| 3. | International Wastewater Technologies LLC
"Performance of an On-site Wastewater Treatment System"
Babcock, Roger W Water Resource Research
Test an innovative new type of wastewater treatment system. | \$24,000 |
| 4. | Kilauea Agronomics, Inc
"Formulation of 100% Guava-Based Juices and other Foods and Beverages"
Iwaoka, Wayne T Human Nutrition, Food &
Develop and formulate 100% guava-based juices and other foods and beverages that contain guava and nutritional supplements to create healthy foods for institutional customers. | \$28,000 |
| 5. | Oceanit Laboratories, Inc
"CMOS Miniature Quickscan Receiver Front End RFIC's"
Boric-Lubecke, Olga Electrical Engineering
Broad-band (30MHz-3GHz) CMOS radio frequency integrated circuits will be investigated for feasibility study of miniature quickscan receiver. | \$20,000 |
| 6. | Oceanit Laboratories, Inc
"CMOS RFIC Receiver for UHF Radar"
Lubecke, Victor Electrical Engineering
Design, layout, packaging and testing of silicon CMOS RFIC receiver for UHF radar. | \$60,000 |
| 7. | Papa Ola Lokahi
"Examining Adolescent Cigarette Use in Hawaii"
Else, Iwalani Psychiatry- MED
Examining relationships among tobacco use, psychological symptoms, school performance and affiliation with aspects of Hawaiian culture in adolescents. | \$50,000 |
| 8. | Research Corp, University of Hawaii
"Integration and Test of UHF Airborne Radar Transceivers"
Shiroma, Wayne A Electrical Engineering
Perform test and integration of airborne radar modules. | \$125,000 |
| FROM: Hawaii- Health Organizations | | |
| 1. | Hawaii Medical Services Assoc Foundation
"Global Public Health - Edited Conference Volume"
Neubauer, Deane E Social Science Rsrch Inst
Development of an edited volume of public health articles and conference proceedings from the 2002 and 2003 GRC Global Public Health Conferences. | \$7,500 |

- FROM: Mainland- Associations, Foundation, Soc, etc.
1. J. M. Kaplan Fund \$40,000
 "Biodiversity, Species Ranges and Gene Flow in the Deep Pacific: Synthesis and the Design of Marine Protected Areas for Nodule Fields and Seamounts"
 Smith, Craig R Oceanography - SOEST
 Collection of species range data from the Abyssal Pacific sea floor and the design of marine protected areas.
 2. Nat'l Kidney Foundation \$32,000
 "Kidney Disparities in Hawaii"
 Mau, Marjorie K Department of Native Hawaiian
 To assess kidney disease and associated risk factors in Hawai'i and initiate research activities which reduce the burden of kidney disease among the people of Hawai'i.
 3. NSABP Foundation Inc \$550
 "NSABP Breast Cancer Prevention Trial (BCPT)"
 Oishi, Robert H Surgery- MED
 Healthy women at high risk for breast cancer were recruited for this project who received tamoxifen continue to be followed by a nurse coordinator who is responsible for all aspects of the study and data submitted to the NSABP.

FROM: Mainland- Business

1. AT&T Government Solutions \$97,000
 "Terahertz Free Electron Laser Program"
 Elias, Luis Physics & Astronomy
 Design an intra-cavity output Brewster angle laser coupler that will work with the Terahertz Free Electron Laser. Test the conductivity response of Brewster angle plates to short picosecond and nanosecond YAG laser pulses. Prepare the University of Hawaii Free Electron Laser for testing a number of material samples with pulses.
2. Aura, Inc \$30,000
 "Advanced Technology Solar Telescope Site Survey Instruments Operation"
 Lin, Haosheng Institute for Astronomy
 To install and operate NSO site Survey instruments at Haleakala, Hawaii and to proceed with arrangements for the installation of the second phase instrumentation that includes the use of a mobile crane.
3. Aventis Pharmaceuticals Inc \$68,000
 "Apidra (Insulin Glulisine) Administered Premeal vs Postmeal in Adult Subjects with Type 2 Diabetes Mellitus Receiving Lantusa (Insulin Glargine) as..."
 Arakaki, Richard F Medicine- MED
 The purpose of this study is to see if using Apidra (a type of insulin taken at mealtimes, normally injected before a meal) after a meal rather than before a meal will affect a patient's weight and also to collect safety information. All participants will also take Lantus (insulin glargine) during the study.

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| 4. | <p>BBNT Solutions LLC</p> <p>"Infrasonic Remote Sensing of Breaking Ocean Waves in the Surf and Littoral Zones"</p> <p>Garces, Milton Haw Inst Geophys & Planet</p> <p>Determine ocean wave height, direction and distribution of wave action.</p> | \$154,496 |
| 5. | <p>Directed Technologies Inc</p> <p>"Plankton Community Biomass and Composition in Mamala Bay, Oahu (RASP IV, August 2004)"</p> <p>Landry, Michael R Oceanography - SOEST</p> <p>Plankton community sample analyses for a US Navy-funded study of remote (satellite) sensing of the sewage effluent plume in Mamala Bay.</p> | \$23,574 |
| 6. | <p>Eli Lilly & Co</p> <p>"Safety and Efficacy of Exenatide in Patients with Type 2 Diabetes Using Thiazolidinediones or Thiazolidinediones and Metformin"</p> <p>Arakaki, Richard F Medicine- MED</p> <p>The purpose of this study is to determine whether patients treated with exenatide and patients treated with placebo show any differences in their overall blood sugar control over approximately 19 weeks of treatment.</p> | \$32,378 |
| 7. | <p>Northrop Grumman</p> <p>"Circuit Design for Intelligent RF Front Ends"</p> <p>Shiroma, Wayne A Electrical Engineering</p> <p>Design and develop tunable microwave circuits for wireless communications.</p> | \$25,000 |
| 8. | <p>Raytheon Company</p> <p>"Remote Sensing Data Products for Disaster Managers in Western Pacific"</p> <p>Mouginis-Mark, Peter J Haw Inst Geophys & Planet</p> <p>We will use NASA satellite images to prepare data products to use to disaster managers, and place these products on our web site.</p> | \$175,000 |
| 9. | <p>Rockwell Scientific Company LLC</p> <p>"JWST NIRCcam Focal Plane Array Testing Subcontract"</p> <p>Hall, Donald N B Institute for Astronomy</p> <p>The University of Hawaii Institute for Astronomy shall provide ultra low background test services in support of Rockwell Scientific's delivery of focal plane arrays to the University of Arizona for the James Webb Space Telescope Near Infrared Camera.</p> | \$30,000 |
| 10. | <p>Triton Systems, Inc</p> <p>"CIGS Solar Cell Fabrication and Testing"</p> <p>Rocheleau, Richard E Haw Nat Energy Inst -SOEST</p> <p>Solar cell fabrication and testing of coated and uncoated metal foil substrates.</p> | \$16,000 |

<p>11. Unilever Research, Inc "The Pathobiology of Sun-damaged Skin: A Functional Genomics Approach" Boyd, Charles D School of Medicine The focus of this project is to understand the biology of premature aging in sun-damaged skin.</p>	<p>\$295,924</p>
<p>FROM: Mainland- Health Organizations</p>	
<p>1. American Heart Association "Effects of Plant-derived Polyphenolic Flavonoids on Intestinal Triglyceride-rich Lipoprotein Production in Insulin Resistant Hamsters" Theriault, Andre G Medical Technology- MED Investigation of dietary flavonoids on cholesterol and fat metabolism in diabetic hamster intestine (gut).</p>	<p>\$66,000</p>
<p>2. American Lung Association "Involvement of Interleukin-4 in Airway Remodeling: Activation of the Lung Fibroblasts" Jourdan-Le Saux, Claude Pacific Biomed Rsrch Cntr We will study how allergic asthma can progress to permanent scarred airways. We will study the commercially fibroblasts, cells involved in the development of the scare and determine the mechanisms of activation and differentiation by the stimulation of interleukin-4.</p>	<p>\$35,000</p>
<p>3. Emma Pendleton Bradley Hospital "Prenatal Methamphetamine Exposure and Child Development" Derauf, D Christian Pediatrics- MED The major goal of this project is to study the effects of prenatal methamphetamine use on child outcome.</p>	<p>\$263,841</p>
<p>4. Institute for Cancer Prevention "Women's Intervention Nutrition Study (WINS) Low Fat Diet & Breast Cancer" Goodman, Marc T Cancer Research Center To increase survival among women with breast cancer through modification of their diet.</p>	<p>\$86,000</p>
<p>5. Nat'l Alliance for Rsrch on Schizophrenia & "Prediction of Psychosis Among High-Risk Adolescents in Hawaii" Schiffman, Jason Psychology We will identify, assess, and follow 40 adolescents at risk for developing schizophrenia. After a one year follow-up, we will determine the accuracy of our identification strategies. This project will set the stage for a larger identification and prevention project.</p>	<p>\$60,000</p>
<p>FROM: Mainland- Other</p>	
<p>1. Black and Veatch "HELCO IRP-3: Banagrass Production and Cost Study" Kinoshita, Charles M Molecular Biosciences & Assist Black and Veatch in developing information for Hawaii Electric Light Company's Integrated Resource Plan.</p>	<p>\$10,000</p>

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| 2. | Ernest Orlando Lawrence - Berkeley National Lab
"Subcontract with University of California Ernest Orlando Lawrence Berkeley National Laboratory for use of the UH 2.2-m Telescope on Mauna Kea"
Hodapp, Klaus W Institute for Astronomy
The subcontractor, UH, shall furnish the necessary facilities, supplies, equipment and personnel to conduct certain work using the UH 2.2-m telescope on Mauna Kea. In return, LBNL agrees to pay a percentage of the telescope costs in return for the same percentage of observing time on the telescope. | \$58,000 |
| 3. | Harvard-Smithsonian Astrophysical Observatory
"Velocity Structure and Plasma Parameters of Halo CMEs"
Institute for Astronomy
Data from the Yohkoh and SOHO satellites will be analyzed and reduced to determine the physical parameters of the solar plasma such as emission measures and temperature with regards to various elemental abundances and emissivity models. | \$20,761
Li, Jing |
| 4. | Incorp Rsrch Institutions for Seismology (IRIS)
"GSN Hawaii"
Butler, Rhett Haw Inst Geophys & Planet
Global seismographic network research in Hawaii | \$6,815 |
| 5. | 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. | \$5,000 |
| 6. | Jet Propulsion Lab
"The Evolution of Activity in Massive Gas-Rich Mergers"
Sanders, David B Institute for Astronomy
We plan to use data from the Spitzer Space Telescope to understand the structural properties of an unbiased set of 54 active mergers and Quasi-Stellar Object (QSO)'s so we can test the theory that massive elliptical galaxies and QSO-like black holes are formed when two big, gas rich galaxies merge. | \$35,900 |
| 7. | Jet Propulsion Lab
"Spitzer Observations of a Complete Sample of Luminous Infrared Galaxies in the Local Universe"
Sanders, David B Institute for Astronomy
We plan observations with the Spitzer Space Telescope of all 200 Luminous Infrared Galaxies (LIRGs) and Ultraluminous Infrared Galaxies (ULIRGs) in the IRAS Revised Bright Galaxy Sample. Questions to be studied include variations in star formation and dust regions, evolution of LIRGs to ULIRGs, and dust composition related to age. | \$35,000 |
| 8. | Jet Propulsion Lab
"Martian Bulk Composition and Crustal Evolution"
Taylor, G Jeffrey Haw Inst Geophys & Planet
Use data from an instrument on the Mars Odyssey mission to determine the chemical composition of Mars. | \$7,043 |

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| 9. | <p>Jet Propulsion Lab</p> <p>"An Investigation of Ocean-Atmosphere Interaction using SeaWinds and In-Situ Observations, and Numerical Modeling"</p> <p>Xie, Shang-Ping Meteorology - SOEST</p> <p>Use satellite observations and numerical calculations to study the ocean, atmosphere and their interaction.</p> | \$58,278 |
| 10. | <p>Scripps Research Institute</p> <p>"Methamphetamine and AIDS: Toxic Interactions in Animals"</p> <p>Chang, Linda Medicine- MED</p> <p>We have a subcontract with Dr. Henriksen at Scripps to perform MRS measurements on samples collected at Scripps, perform data analysis at UH, and participate in manuscript preparation.</p> | \$41,976 |
| 11. | <p>Space Telescope Science Institute</p> <p>"Rotation of Comet Tempel 1"</p> <p>Meech, Karen J Institute for Astronomy</p> <p>To place the HST observations for the rotational lightcurve in the context of ground-based observations.</p> | \$20,000 |
| 12. | <p>Space Telescope Science Institute</p> <p>"Unveiling the Progenitors and Physics of Cosmic Explosions (HST-GO-010135)"</p> <p>Price, Paul Institute for Astronomy</p> <p>The long/soft gamma-ray bursts are now known to be produced by the explosion of massive stars as supernovae. This project seeks to characterize the supernovae that produce gamma-ray bursts, and compare their properties with those of normal supernovae.</p> | \$2,750 |
| 13. | <p>Space Telescope Science Institute</p> <p>"The COSMOS 2-Degree ACS Survey"</p> <p>Sanders, David B Institute for Astronomy</p> <p>This proposal is part of a large imaging survey trying to understand the interplay between large scale structure (LSS) evolution and the formation of galaxies, dark matter and active galactic nuclei. This project will be the Hubble Telescope's ultimate legacy for understanding the evolution of both the visible and dark universe.</p> | \$191,730 |
| 14. | <p>Space Telescope Science Institute</p> <p>"Groups of Dwarf Galaxies: Pools of Mostly Dark Matter? (HST-GO-010210.01)"</p> <p>Tully, R Brent Institute for Astronomy</p> <p>Our goal is to gather detailed information on the 3-D distribution of dwarf galaxies suspected to lie within 7 groups of dwarfs within 5 Mpc.</p> | \$109,755 |
| FROM: U.S. Universities and Colleges | | |
| 1. | <p>Emory University</p> <p>"Evaluation of Tailored Skin Cancer Prevention Strategies (Project SCAPE)"</p> <p>O'Riordan, David Cancer Research Center</p> <p>Subcontract to Cancer Research Center for statistical support in completing data analysis and preparing publications and the final report for a skin cancer prevention study testing the use of tailored skin cancer prevention materials. Study center is relocating to Emory Univ. under Dr. Karen Glanz. (Ref. CA76419-04).</p> | \$11,906 |

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| 2. | <p>Emory University
 "Activating Multiethnic Youth for Smoking Prevention (Project SPLASH)"
 O'Riordan, David Cancer Research Center
 Subcontract to Cancer Research Center for statistical support in completing data analysis and preparing publications and the final report for a tobacco use prevention study funded by a 4-year grant from the National Cancer Institute (NCI). Study center is relocating to Emory Univ. under Dr. Karen Glanz. (Ref. CA 77108-04).</p> | \$45,941 |
| 3. | <p>Univ of Alaska
 "Dating the Ugamak Landslide"
 Fryer, Gerard J Haw Inst Geophys & Planet
 Measurement of tsunami generated by earthquakes or earthquake triggered landslides.</p> | \$14,055 |
| 4. | <p>Univ of Alaska
 "Succession and Seep Affinities of Large-Whale, Kelp and Wood Fall Communities on the California Slope"
 Smith, Craig R Oceanography - SOEST
 Study of colonization and species succession on various types of organic enrichment on the seafloor.</p> | \$7,019 |
| 5. | <p>Univ of Arizona
 "JWST Near Infrared Camera Co-Investigator Support"
 Hodapp, Klaus W Institute for Astronomy
 Develop an observational program using JWST to addressing a broad spectrum of scientific issues, advising the NIRCcam PI and developing required data analysis.</p> | \$29,998 |
| 6. | <p>Univ of California- Berkeley
 "Role of Bacterial Attachment in Transmission of Xylella fastidiosa by the Glassy-Winged Sharpshooter and Other Factors Affecting Transmission ..."
 Almeida, Rodrigo Plant & Environmental
 To study the association between Xylella fastidiosa location of attachment in sharpshooter's foregut and its transmission to plants.</p> | \$22,746 |
| 7. | <p>Univ of California- Davis
 "Pesticide Testing"
 Kawate, Michael K Plant & Environmental
 Pesticide testing, involving field trials for efficacy evaluation and residue sample generation and collection.</p> | \$49,000 |
| 8. | <p>Univ of California- Los Angeles
 "CTO-Double-Blind, Placebo-Controlled Dose Response Trial of Ondansetron for Treatment of Methamphetamine Dependence"
 Haning III, William F Psychiatry- MED
 Additional monies provided by funding agency. Participate in the performance of the "CTO-Double-Blind, Placebo-Controlled Dose Response Trial of Ondansetron for the Treatment of Methamphetamine Dependence" study, as a sub-investigator.</p> | \$51,017 |

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| 9. | Univ of California- San Diego
"Mean Sea Level and Ekman Currents Derived from Drifter, Satellite and Wind Data"
Maximenko, Nikolai Oceanography - SOEST
Evaluate sources and rates of uncertainties in the absolute mean sea level of the North Atlantic estimated from surface drifter and satellite wind and altimetry data. | \$17,430 |
| 10. | Univ of Maryland
"Deep Impact"
Meech, Karen J Institute for Astronomy | \$28,213 |
| 11. | Univ of New Hampshire
"A Balloon-Based Demonstration of Instrumentation for Measuring Wind Profiles from Space"
Businger, Steven Meteorology - SOEST
To develop the next generation smart balloon to provide in situ targeted wind, thermodynamic, and other data in support of AIRMAP, THORpex, and hurricane research. | \$24,000 |
| 12. | Univ of Pennsylvania
"Interactions of Anesthetics and Macromolecules"
Bhagavan, Nadhipuram V Biochem & Biophysics- MED
This study will investigate the mechanism of action of anesthetics using human serum albumin as a surrogate molecule. | \$57,226 |
| 13. | Univ of Texas-Houston
"NIAAA Collaborative Research Project"
Goebert, Deborah Psychiatry- MED
Amendment to contract that will provide extension of 12 months and \$93,788 additional monies for award to original contract #N01 AA01015. | \$10,862 |
| 14. | Vanderbilt University
"Association of Antioxidants with Breast Cancer Risk in Chinese Women"
Franke, Adrian A Cancer Research Center
To examine whether urinary and plasma antioxidants are correlated with breast cancer using samples from a nested case-control study conducted in Shanghai. | \$72,154 |

FROM: All Non-U.S.

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| 1. | Guangzhou Venture Capital Limited
"Preparation of Anticancer Drug Cryptophycin-309 for Pre-Clinical Evaluation"
Liang, Jian Molecular Biosciences &
Cryptophycin is a new class of anticancer drug discovered and developed in UH. This project proposes to semi-synthesize cryptophycin-309 cost-effectively by cultivating micro-algae. The proposed research will accelerate the commercialization of the Cryptophycin Technology and provide Hawaii aquaculture industry a microalgae-based, high-valued new product. | \$47,595 |
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| 2. | Ministry of Education - Sci & Culture of Japan
"Detector Research & Development of KEK-B Factory"
Olsen, Stephen L Physics & Astronomy
Development of two 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. | \$75,000 |
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NON-RESEARCH AWARDS

FROM: DA-Dept of Agriculture

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| 1. | DA-Cooperative State Research Service
"Agricultural Development in the American Pacific (ADAP) Project"
Hashimoto, Andrew Coll, Trop Ag & Human Res
ADAP advances the viability and security of Pacific island agriculture and communities through collaborative programs that are culturally appropriate, socially acceptable, economically viable, and environmentally sustainable. | \$458,725 |
| 2. | DA-Cooperative State Research Service
"An Outreach Program for Socially Disadvantaged Filipino Farmers of Hawaii"
Swift, Sabina F Plant & Environmental
Increase the number of successful socially disadvantaged Filipino farmers by providing training on crop production, marketing, pest management, and general business practices. | \$25,000 |
| 3. | DA-Cooperative State Research Service
"Diabetes Awareness, Education and Screening Project"
Zee, Julia M Human Nutrition, Food &
To develop and conduct diabetes awareness and educational programs for under-served population in Hawaii. | \$100,000 |
| 4. | DA-Dept of Agriculture
"Wetland Reserve Program"
Duffy, David Botany
Establish a Safe Harbor Act Agreement for the Wetland Reserve Program in the state of Hawaii, enhancing habitat for endangered waterfowl. This would be the first in the nation. | \$50,600 |
| 5. | DA-Dept of Agriculture
"University of Hawai'i Agribusiness Education, Training and Incubator Project"
Dykstra, Douglas Leeward CC
Consortium project among eight UH campuses designed to identify market-based opportunities in diversified agriculture sector and to coordinate campus and system initiatives to enable a statewide agriculture education, training and agribusiness incubator capacity. | \$1,497,325 |
| 6. | DA-Dept of Agriculture
"Implementation of Local Action Strategy to Address Land-based Pollution Threats to Hawaii's Coral Reefs"
Evensen, Carl I College of Tropical Ag &
The University of Hawaii Cooperative Extension Service will hire an Extension Agent to coordinate the implementation of a program in three Hawaii watersheds to protect coral reefs from land-based pollution. | \$35,000 |

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| 7. | DA-Dept of Agriculture
"Sustaining the Hawaii Conservation Alliance"
Kaneshiro, Kenneth Y Pacific Biomed Rsrch Cntr
Organize and carry out the annual Hawaii Conservation Conference.
Organize, carry out, and publish the results of workshops on the
highest priority topics to utilize research resources available to
Hawaii most efficiently. Develop, carry out efficient communication
of relevant research findings to the managers of Hawaii's natural
resources. | \$14,000 |
| 8. | DA-Dept of Agriculture
"Agriculture Waste Management and Policy Workshop"
Lee, Chin N CTAHR - EXTENSIONS
The task is to plan, organize and conduct a workshop for state and
county agencies, interested neighborhood boards and parties and
extension agents on appropriate management of agriculture | \$29,975 |
| 9. | DA-Dept of Agriculture
"A Risk Management Training Program for Socially
Disadvantaged Filipino Growers of Hawaii"
Swift, Sabina F Plant & Environmental
Provide training and information to Filipino growers in order for them
to recognize production and marketing risks, assess and use
existing and emerging risk management tools. | \$90,000 |
| 10. | DA-Dept of Agriculture
"Hawaiian Grazing and Livestock Management Academy"
Thorne, Mark Human Nutrition, Food &
Project will develop and conduct training for livestock producers,
extension agents, and state and federal land management
personnel in the areas of sustainable grazing and livestock
management practices. | \$53,152 |
| FROM: DHHS-Dept of Health & Human Services | | |
| 1. | National Institutes of Health
"Master in Clinical Research"
Harrigan, Rosanne School of Medicine
Support for Training in Clinical Research. | \$536,999 |
| 2. | National Institutes of Health
"The Total Synthesis of (-)- Terpestacin via Asymmetric
Cyclopentannelation - Post Doc G. Berger"
Tius, Marcus A Chemistry
NIH Postdoctoral fellowship for Dr. Gideon Berger. Training in the
area of total synthesis. | \$41,068 |
| 3. | National Institutes of Health
"Predoc A. Rivera-Vicente - Neural Processing of Uniform
Electric Fields"
Tricas, Timothy Zoology
This study will investigate how sharks use their electric sense to
geonavigate. | \$804 |

4. NIH-Nat'l Cancer Institute (NCI) \$110,706
 "Exploring the Feasibility of a Faith-Based, Ha'i Mo'olelo Intervention to Increase Breast Cancer Screening among Older Native Hawaiian Women"
 Kaopua, Lana Cancer Research Center
 Native Hawaiian women have the second highest breast cancer incidence and highest ratio of incidence to mortality in Hawaii. This proposal proceeds from the Cancer Awareness based programs to enhance screening participation and calls for programs incorporating cultural strengths, including values and practices related to spirituality and affiliative networks of support.
5. NIH-Nat'l Cancer Institute (NCI) \$149,474
 "Culturally Proficient Smoking and Weight Control Treatment"
 Sanchez-Johnsen, Lisa Cancer Research Center
 Development and implementation of a community-based dietary, physical activity, body image, and smoking cessation intervention for overweight Latino non-smokers and smokers.
6. NIH-Nat'l Center for Research Resources \$318,816
 "Hawaii Science Training and Education Project (HiSTEP)"
 Withy, Kelley Fam Prac & Comm Hlth- MED
 The goal of the Hawaii Science Training and Education project is to improve the general public's understanding of and interest in health sciences by increasing Biomedical research education and mentoring activities for K-12 students and their teachers.
7. NIH-Nat'l Inst of Diabetes, Digestive, Kidney \$43,200
 "Pacific Region Diabetes Education Program"
 Chang, Healani K Pacific Biomed Rsrch Cntr
 Short-term research education for minority students to encourage them to pursue research careers in the areas of diabetes, nutrition, obesity, kidney diseases or other metabolic disorders.
8. NIH-Nat'l Inst of Drug Abuse \$145,902
 "Neuroimaging and Mentoring in Drug Abuse Research"
 Chang, Linda School of Medicine
 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 with MRS, neuropsychological tests and spinal taps.
9. NIH-Nat'l Inst of Drug Abuse \$127,575
 "MR Techniques for Drug Abuse and HIV Brain Research"
 Ernst, Thomas Pediatrics- MED
 The purpose of this K-award is to support Dr. Thomas Ernst's research in drug abuse and HIV brain disease, using advanced brain imaging techniques.
10. NIH-Nat'l Library of Medicine \$138,344
 "Mobile Access Resource Project (MARP)"
 Jacobs, Joshua L. Medicine- MED
 Years 1 & 2 will involve establishment of an External Advisory Committee (EAC) and an Internal Advisory and Selection Committee (IASC) to oversee recruitment of an experienced research scientist. Years 3-7 will establish a community-based research and education program with the recruited research

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| 11. | PHS-Health Resources and Services Admin
"Advanced Nurse Education Traineeship Grants"
Magnussen, Lois A School of Nursing & Dental
Traineeships provide support for graduate nursing students who are preparing for service in the community. | \$41,265 |
| 12. | PHS-Health Resources and Services Admin
"The Hawaii Maternal and Child Health Development Behavioral Pediatrics Leadership Training Program"
Okamoto, Jeffrey K School of Medicine
The project is to support a fellowship training program in developmental behavioral pediatric funding for stipends of physicians in the training program for board certification. | \$145,000 |
| 13. | PHS-Health Resources and Services Admin
"Hawaii/Pacific Basin Area Health Education Center (H/PB AHEC)"
Withy, Kelley Dean's Office- MED
To improve the health of the underserved through collaborative training initiatives across the Pacific, including nine medical specialties. A region-wide, integrated recruitment to health careers program will be individualized for each Area Health Education Center area, and will feature tiered (or near-peer) mentoring and ongoing program evaluations. | \$1,475,356 |

FROM: DOC-Dept of Commerce

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| 1. | DOC-National Oceanic & Atmospheric
"EPA Smart Growth Extension Partnership"
Grau, E Gordon Sea Grant - SOEST
Establish a University Center for Smart Building and Community Design. | \$5,000 |
| 2. | DOC-National Oceanic & Atmospheric
"Learning about Kaneohe Bay Coral Reef Ecosystem"
Leong, Jo-Ann Haw Inst Marine Bio-SOEST
To provide students with meaningful learning experience about the coral reef of Kaneohe Bay. | \$53,327 |
| 3. | DOC-National Oceanic & Atmospheric
"Sea Turtle Stranding Project"
Maynard, Sherwood D Marine Option Program - CNS
UH students will be hired to carry phone pagers and respond to the public's reports of stranded sea turtles on Oahu beaches during night, weekend, and holiday hours. Similar activities on Maui and the Big Island will receive partial support from this award. | \$18,730 |

FROM: DOD-Dept of Defense

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| 1. | DOD-Dept of Defense
"Acquisition of an Electrospray Mass Spectrometer"
Hemscheidt, Thomas K Chemistry
An instrument for molecular mass measurement in support of education, training and research in organic, inorganic and physical chemistry. | \$175,000 |
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| 2. | DOD-Tripler Army Medical Center
"Health Promotion Assessment/Integration for Tripler AMC
(Community Health Nursing) Hawaii"
Johnson, Julie Nursing
To provide one Nurse Epidemiologist. | \$111,134 |
| FROM: DOI-Dept of Interior | | |
| 1. | DOI-Dept of Interior
"2004 DOI Islands Fellowship Program"
McClain, David S SVP - Academic Affairs
The Pacific Business Center Program will provide technical and
administrative assistance to the DOI in administering the 2004 DOI
Islands Fellowship Program and in the planning and preparation for
the 2004 Investment Development Conference to be held in
September 2004. | \$18,509 |
| 2. | DOI-Nat'l Park Service
"Environmental Outreach: Island of Hawaii: Phase 2"
Duffy, David Botany
Support environmental education programs on the Island of Hawaii. | \$24,000 |
| 3. | DOI-Off of Insular Affairs
"PBCP AAPI Local Capacity Development Student Intern
Program"
McClain, David S SVP - Academic Affairs
Pacific Business Center Program (PBCP) will collaborate
w/economic development & higher education institutions in
American Affiliated Pacific Islands to establish & run expanded | \$150,000 |
| FROM: ED-Dept of Education | | |
| 1. | ED-Dept of Education
"National Resource Center"
Andaya, Barbara J South Asian Stud- SHAPS
To provide stipends to graduate students studying Southeast Asian
Studies. | \$214,888 |
| 2. | ED-Dept of Education
"Native Hawaiian Serving Institutions"
Cha, Peggy Kauai CC
Funds for Native Hawaiian Serving Institutions Grant to provide
staff/faculty development in area of Hawaiian Culture and evaluation
support. | \$168,909 |
| 3. | ED-Dept of Education
"Native Hawaiian-Serving Institutions Supplemental Funding"
Cha, Peggy Kauai CC
Improve institutional and system capacity to assess and monitor
student learning outcomes and student success. | \$161,977 |
| 4. | ED-Dept of Education
"Linking Quality Teacher Preparation for Higher
Achievement in Secondary Science & Mathematics -
84.350"
Chattergy, Virgie O College of Education
Recruit and prepare high quality teachers in science and
mathematics from among paraprofessionals, recent graduates,
mid-career professionals, and emergency hired teachers. | \$100 |

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| 5. | ED-Dept of Education
"State of Hawaii GEAR UP Proposal"
Daniel, Shirley J College of Business Admin | \$2,119,142 |
| 6. | ED-Dept of Education
"Careers in Language Education and Academic Renewal (CLEAR)"
Davis, Kathryn A Second Language Studies
The project proposes a recreational and bilingual training program that targets speakers of languages other than English at U.H.M. | \$245,700 |
| 7. | ED-Dept of Education
"Project Kua'ana"
Gomes, Lenore K Stdnt, Eqty, Excel & Div.
Project Kua'ana will increase representation, retention and graduation rates among Hawaiian students at UHM. Activities include outreach to 2 Honolulu District high school and 1 community college, scholarship support for 20 students, student mentoring, and faculty development. | \$111,110 |
| 8. | ED-Dept of Education
"Hawaii Minority Entity Capacity Building"
Kingery, Paul Counselor Education
The purposes of this project are to provide outreach, capacity building, and technical assistance to minority entities through a variety of training and technical assistance activities. | \$212,900 |
| 9. | ED-Dept of Education
"Pihana Na Mamo: The Native Hawaiian Special Education Project"
Lai, Morris K CRDG
Pihana Na Mamo: The Native Hawaiian Special Education Project works for the improvement of educational services for children of Hawaiian ancestry with special needs. | \$3,100,000 |
| 10. | ED-Dept of Education
"Ha'awina Ho'opapau: Nanakuli High School"
Leake, David Center on Disability Studies
A curriculum development project that will focus upon the needs of those high school youth of greatest need (at risk of drop out or dropped out or placed in special education) to alternative educational programs. This project is structured to meet the need and reengage NH youth in culturally responsive curricula | \$445,806 |
| 11. | ED-Dept of Education
"Native Hawaiian Serving Institutions Program"
Petersen, Janice Honolulu CC | \$373,729 |
| 12. | ED-Dept of Education
"Pacific Related Services and Educational Paraprofessional Training Project (PREP)"
Ratliffe, Katherine Center on Disability Studies
Provide training to paraprofessionals in related and educational services for children with low incidence disabilities in Micronesia, Northern Marianas Islands, Marshall Islands, and Palau. | \$250,000 |

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| 13. | ED-Dept of Education
"Improving Learning Outcomes through Purposeful and Sustainable Pathways in Student Services, Professional Development, and 21st Century Career...."
Richards, Leon Kapiolani CC
Kapiolani Community College's goal in this Title III undertaking is to create three learning support pathways across the First-Year and Second-Year Experience, and into transforming marketplace, to support greater academic and career achievements for Native Hawaiian and other pathway students. | \$500,000 |
| 14. | ED-Dept of Education
"Liko A'e Native Hawaiian Scholarship Program"
Sakamoto, Clyde Maui CC
This request proposes to develop Native Hawaiian Education Centers, to disseminate college admissions and college scholarship information. Liko A'e will also provide education fellowships to 130 Native Hawaiian students. | \$1,079,297 |
| 15. | ED-Dept of Education
"National Foreign Language Resource Center at the University of Hawaii"
Schmidt, Richard Second Language Studies
Research, materials development and teacher training to improve the teaching of foreign languages in the US. | \$345,250 |
| 16. | ED-Dept of Education
"Native Hawaiian Curriculum Project"
Stodden, Robert A Center on Disability Studies
Provide curriculum development to address the needs of Native Hawaiian children and adults, including curriculum materials in the Hawaiian Language and Mathematics & Science & Reading Curriculum. | \$494,083 |
| 17. | ED-Dept of Education
"Halau A'o Native Hawaiian Curriculum Development Program 84.362A"
Tagomori, Alvin R Maui CC
This request is aimed at developing and implementing curriculum to address at-risk Native Hawaiian youth. | \$283,121 |
| 18. | ED-Dept of Education
"A Proposal to Increase Access to Bachelor Degree Programs for Underrepresented Students in Hawaii"
Wood, Melinda UH-West Oahu
Activities to expand access to academic programs and services for four-year degrees. | \$502,761 |
| 19. | ED-Dept of Education
"Strengthening Hawaiian Studies Access and Academic Quality"
Yamane, Noreen Hawaii CC
Rural district distance education & support; Curriculum resource development; Interdisciplinary collaborative on new course development. | \$424,195 |

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| 20. | ED-Dept of Education
"Project Waipuna"
Zane, Lawrence F H Curric & Instruction
Provides professional development for Hawaii Dept. of Education teachers and other educational personnel to improve the quality of services offered to students learning English as a second language and their families, and helps build the University of Hawaii-Manoa's capacity to better prepare educational personnel to serve those students. | \$400,000 |
| 21. | ED-Fund for Improve Postsecondary Ed (FIPSE)
"Disability & Diversity: Demonstrating Effective Practices for Culturally & Linguistically Diverse (CLD) Students with Disabilities to Transition....."
Johnson, Jean Center on Disability Studies
The proposed projects attempt to refine, develop and evaluate coordinated transition activities within each phase thus significantly increasing access, retention, and success of CLD students with disabilities in postsecondary education. | \$108,991 |
| 22. | ED-Fund for Improve Postsecondary Ed (FIPSE)
"A Collaborative Model to Improve Health Education in Public High Schools"
Naguwa, Gwen S School of Medicine
Medical School faculty and students working with high school teachers to develop and deliver health education curriculum to high school students. | \$140,750 |
| 23. | ED-Off of Postsecondary Ed
"GEAR UP Partnership with Dole and Kalakaua"
Ching, Doris M Stdnt, Eqty, Excel & Div. | \$420,358 |
| 24. | ED-Off of Postsecondary Ed
"Native Hawaiian Leadership Project"
Kaiama, C Manu College of Business Admin
A project to increase the retention and graduation rate of students of Hawaiian Ancestry enrolled in graduate and under-graduate degree programs through financial support, counseling, mentoring and community service. | \$2,600,000 |
| FROM: Agency for International Development | | |
| 1. | Agency for International Development
"A Partnership Alliance in Tourism and Hospitality Among the Polytechnic of Namibia and Kapiolani, Southeast and Valencia Community Colleges"
Richards, Leon Kapiolani CC
Tourism and Hospitality Sector Workforce Skills Development Project in Namibia. | \$274,681 |
| FROM: Environmental Protection Agency | | |
| 1. | Environmental Protection Agency
"Effects of Estrogenic Environmental Endocrine Disruptors on Growth in the Tilapia - Fellow L. Berg"
Grau, E Gordon Haw Inst Marine Bio-SOEST
To determine how estrogenic environmental contaminants affect fish growth, using the tilapia as a model. | \$28,604 |

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| 2. | Environmental Protection Agency
"EPA Fellowship Award to Cecelia Sheridan"
Laws, Edward A Oceanography - SOEST
Evaluation of long-term change in marine zooplankton community function using isotope analyses. | \$33,748 |
| 3. | Environmental Protection Agency
"Island Evolution: Speciation, Biogeography, and Phylogeny of Plantago (Plantaginaceae) in the Hawaiian Islands. Fellowship-S. Dunbar"
Morden, Clifford W Botany
The purpose of this research is to more fully understand the evolutionary relationships among the native Hawaiian Plantago species, their biogeography within the islands, the modes in which they have speciated, and their reproductive biology. This study will serve as a template for research on other Hawaiian plant groups. | \$29,171 |
| 4. | Environmental Protection Agency
"Increasing Food Safety and Minimizing Risk for Hawaii's Small Scale Farming Communities"
Sugano, Jari Plant & Environmental
Safeguard local commodities and reduce potential risk to workers, consumers and non target species by eliminating heavy reliance on crop protection chemicals targeted for phase out by the Food Quality Protection act (FQPA). | \$38,609 |

FROM: National Science Foundation

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| 1. | National Science Foundation
"Ethnomedicine of Tanzania in Ecological Perspective"
Etkin, Nina L Anthropology
This grant will support the dissertation research of Heather McMillen (Anthropology PhD candidate). It will examine the socio-cultural and ecological contexts of medicinal plant management in Tanzania. The research is framed with a human ecology perspective and will involve ethnographic and | \$18,218 |
| 2. | National Science Foundation
"Oceanographic Instrumentation 2004, University of Hawaii"
Taylor, Brian Sch Ocean, Earth Sci & Tec
Supplement to buy oceanographic equipment for R/V Kilo Moana. | \$70,000 |
| 3. | National Science Foundation
"Doctoral Dissertation Research: Hawaiian Place Names- Mnemonic Symbols in a Performance Cartography"
Wingert, Everett A Geography
This research proposes to investigate Hawaiian 'performance cartography', a cartographic tradition cultivated in oral traditions still being practiced today despite the eroding presence of Hawaiian names and cartographic traditions on Western map products. | \$11,500 |

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration \$24,000
 "Eruptive Patterns of an Active Lava Dome in Santiaguito, Guatemala: A Multi-dataset Approach Using Satellite and Ground-based Thermal Remote Sensing."
 Flynn, Luke P Haw Inst Geophys & Planet
 Santiaguito lava dome in Guatemala is one of the most historically active volcanoes in Central America. The proposed effort targets this volcano using remote sensing and field-based studies to understand eruption dynamics.

2. Nat'l Aeronautics & Space Administration \$103,125
 "Hawaii Space Grant Consortium"
 Flynn, Luke P Haw Inst Geophys & Planet
 The Hawaii Space Grant Consortium proposal to offer fellowships, provide teacher workshops, and do space science education in Hawaii.

3. Nat'l Aeronautics & Space Administration \$24,000
 "The Origin and Evolution of Low-Mass Stars and Galactic Clusters - S. Dahm"
 Herbig, George H Institute for Astronomy
 Graduate student fellowship support in star formation research.

4. Nat'l Aeronautics & Space Administration \$24,000
 "An Infrared Search for the Origins of Elliptical Galaxies (Year 3)"
 Joseph, Robert D Institute for Astronomy
 Use of high resolution imaging and spectra to fully understand the properties of merging galaxies in the local universe.

FROM: Independent Federal Agencies- Minor

1. Commission on National and Community Service \$400,000
 "Systems of Service in Island Societies"
 Pascua, Atina T VP - Student Affairs
 The Hawaii Pacific Islands Campus Compact (HIPICC) will support cross institutional collaboration in building local capacity in each island society through the development of faculty expertise and peer mentoring, student leadership in civic engagement, reflective practice & assessment of student learning & performance outcomes, authentic campus community partnerships & mutually beneficial community based research & enabling mechanisms such as civic engagement offices, centers & websites.

2. Nat'l Geospatial-Intelligence Agency \$10,000
 "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

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| 1. | <p>County of Maui
 "Proposal to Provide Employment and Training Services for Maui County Youth Through the Workforce Investment Act of 1998"
 Tagomori, Alvin R Maui CC
 Provision of counseling & guidance, training, job placement and other work-force development services to assist disadvantaged youth achieve career and education goals.</p> | \$271,598 |
| 2. | <p>DLNR-Aquaculture Development Program
 "Aquaculture Extension Program"
 Tamaru, Clyde S Sea Grant - SOEST
 The Aquaculture Extension Program is to serve as a bridge between researchers involved in developing and transferring technologies to Hawaii's aquafarmers. The extension service in turn serves as a mechanism to which researchers are advised as to the utility of the technologies that have been developed as well as constraints that face the industry. Community outreach and public education are also important components of the aquaculture extension program. All of the activities are focused on developing the aquaculture industry in Hawaii to become a significant</p> | \$81,319 |
| 3. | <p>DLNR-Division of Aquatic Resources
 "Implementation of Local Action Strategy to Address Land-based Pollution Threats to Hawaii's Coral Reefs"
 Evensen, Carl I Natural Resources &
 The University of Hawaii Cooperative Extension Service will hire an Extension Agent to coordinate the implementation of a program in three Hawaii watersheds to protect coral reefs from land-based pollution.</p> | \$42,000 |
| 4. | <p>DLNR-Kaho'olawe Island Reserve Commission
 "Kahoolawe Underwater Baseline Surveys"
 Maynard, Sherwood D Marine Option Program - CNS
 Conduct near shore underwater baseline surveys of fishes and invertebrates at selected sites in Kahoolawe Island Reserve during August 2004 and March 2005. Analyze data collected, compare to previous studies, recommend monitoring protocols. In collaboration with KIRC.</p> | \$30,881 |
| 5. | <p>DOH-Alcohol & Drug Abuse Division
 "Tobacco Sales Enforcement for Synar Amendment"
 O'Riordan, David Cancer Research Center
 Provide technical assistance to support country Police Departments in their operations to enforce HRS 709-908. This involves recruiting and training teams of adults and volunteer minors to participate in police operations, scheduling, and coordination of support activities. Inspection data will be collected and reported.</p> | \$206,325 |
| 6. | <p>DOH-State Council on Developmental Disabilities
 "Special Olympics Agreement"
 Stodden, Robert A Center on Disability Studies
 Design instrument for follow-up on health status of Special Olympics athletes; provide data entry.</p> | \$1,700 |

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| 7. | Hawaii-Dept of Education
"Competency Based Diploma"
Harpstrite, James CRDG
To provide services for Competency Based Program to align with national standards. | \$8,000 |
| 8. | Hawaii-Dept of Education
"Office for School Redesign"
Hitz, Randy Dean's Office- Ed
To implement an Office for School Redesign & to provide technical support to secondary schools as they develop small schools and learning communities. Emphasis is on identifying and providing training related to essential components of successful small schools & creating models of such schools. | \$200,000 |
| 9. | Hawaii-Dept of Education
"Kauai B.Ed. And M.Ed. Programs"
Pateman, Neil College of Education
Deliver Master of Education Programs on Kauai | \$80,445 |
| 10. | Hawaii-Dept of Education
"Felix Consent Decree Recruitment & Retention Personnel Plan"
Yates, James T Speech Path & Aud- MED
To expand the capacity of the Speech Pathology and Audiology program to provide appropriately educated and trained speech-language pathologists for Hawaii's schools. | \$617,594 |
| 11. | Hawaii-Dept of Health
"Child Inpatient Mental Health Services"
Andrade, Naleen N Psychiatry- MED
Provide psychiatric services to the Department of Health, Child and Adolescent Mental Health as outlined in the scope of services in the contract. | \$275,397 |
| 12. | Hawaii-Dept of Health
"Public Health and Response for Bioterrorism"
Gubler, Duane School of Medicine
To provide molecular biology and bioinformatics expertise to accelerate the development of a Bioterrorism Response Laboratory for the State of Hawaii. | \$126,775 |
| 13. | Hawaii-Dept of Health
"CAMHD Log. No. 04-034"
Johnson, Jean Center on Disability Studies
Assist with information and data required to complete grants & reports. Assist in development of project narrative and budget. | \$24,500 |
| 14. | Hawaii-Dept of Health
"Education Research Services for the Implementation of the Synar Amendment"
O'Riordan, David Cancer Research Center
A scientific sample of tobacco retail outlets will be visited by undercover minors and volunteer adults. The minors will attempt to purchase tobacco in each of the outlets. Sales statistics will be collected and reported. | \$68,989 |

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| 15. | Hawaii-Dept of Human Services
"Cohort Program in Rehabilitation Counseling"
Cartwright, Brenda Counselor Education
Deliver Master's Degree in Counseling and Guidance with
specialization in rehabilitation counseling to personnel from the
Hawaii State Division of Vocational Rehabilitation. | \$45,898 |
| 16. | Hawaii-Dept of Human Services
"Adult Protective Services Practicum Contract FY
2004-2005"
Matsuoka, Jon K School of Social Work
Provide practicum instructor and student participants for the Adult
Protective Services program. | \$36,808 |
| 17. | Hawaii-Dept of Land & Natural Resources
"Construction of a Rare Plant Nursery at Pahole, Oahu"
Duffy, David Botany
Construction of a rare plant nursery at Pahole Gulch to assist in
rare plant research and conservation. | \$43,470 |

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

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| 1. | HCF-Hawaii Community Foundation - General
"Mo Bettah Together Program Social Capital Evaluation
Implementation"
Mataira, Peter School of Social Work
Implementation phase of the Hawaii Community Foundation's 'Mo
Bettah Together' evaluation design. | \$50,000 |
| 2. | HI Obstetric & Gynecology Rsch Foundation
"Salary Fringe Benefit Reimbursement Agreement FY 2005"
Ward, Kenneth School of Medicine
Salary and fringe reimbursement agreement to | \$85,654 |

FROM: Hawaii- Business and Other

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| 1. | Awaiulu: The Hawaiian Literature Project
"Hawaiian Literature Project"
O'Mealy, Joseph College of Lang, Ling, & Lit
Develop historical Hawaiian texts and publish them in Hawaiian and
English. | \$30,000 |
| 2. | Na Kamalei-KEEP
"Ho'ulu Hou Evaluation Contract"
DeBaryshe, Barbara D Center on the Family
Evaluation of a parent-child program for Native Hawaiian infants and
toddlers. | \$24,000 |
| 3. | Olelo: The Corporation for Community Television
"An Educational Access Plan for the Year 2004"
Okimoto, Hae K Info Technology Services
Produce courses and programs for the public access channel,
Oceanic 55. | \$393,724 |

Attachment #1 - Board of Regents' Meeting, 10/22/04

4.	OnCare Hawaii, Inc. "Salary Fringe Benefit Reimbursement Agreement FY 2005" Takanishi, Danny M. Surgery- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$31,764
5.	Pacific Marine and Supply Company "Ocean Engineering Internship" Cheung, Kwok F Ocean & Resources To extend the internship at Pacific Marine and Supply Company,	\$23,515
6.	Pacific Marine and Supply Company "Ocean Engineering Student Internship" Cheung, Kwok F Ocean & Resources Ocean Engineering Student Internship.	\$8,818
7.	Pacific Resources for Education & Learning "Regional Technology in Education Consortium for the Pacific-RTEC" Guinan, Martha Center on Disability Studies Develop and field test professional development module; train trainers to facilitate implementation of module; submit quarterly reports; work with training systems institute	\$153,000
8.	Pacific Resources for Education & Learning "Evaluation of Na Hoa Hoola Program" Matsuoka, Jon K School of Social Work Evaluate a substance abuse curriculum at Hawaiian charter	\$22,946
9.	Sea Engineering, Inc "Ocean Engineering Internship" Cheung, Kwok F Ocean & Resources Ocean engineering internship.	\$8,153
10.	University of Hawaii Professional Assembly "UHPA President - Teaching Assistant" Tiles, Mary E Philosophy Teaching assistant - take over occasional classes and assist with grading.	\$7,900
FROM: Hawaii- Health Organizations		
1.	Hawaii Medical Services Assoc Foundation "Promoting Physical Activity in Elementary Schools across Hawaii" Nigg, Claudio Office of Public Health Studies This is a project to develop a sustainable system to train DOE elementary teachers that teach PE using the Sports, Play and Active Recreation for Kids Curriculum.	\$68,542

2.	Hawaii Medical Services Assoc Foundation "Teaching Hawaii's Physicians in Training the Skills to Make Prescriptions Affordable for the People of Hawaii" Tseng, Chien-Wen Fam Prac & Comm Hlth- MED The faculty of Dept Family Practice will teach cost-effective prescribing practices to residents in the Family Practice Residency Program.	\$25,301
3.	Kapiolani Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Rudoy, Raul C Pediatrics- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$329,650
4.	Kapiolani Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Takanishi, Danny M. Surgery- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$33,836
5.	Kapiolani Medical Specialists "Salary Fringe Benefit Reimbursement Agreement FY 2005" Rudoy, Raul C Pediatrics- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$1,787,581
6.	Orthopedic Services Company LLP "Salary Fringe Benefit Reimbursement Agreement FY 2005" Takanishi, Danny M. Surgery- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$57,220
7.	Pacific In Vitro Fertilization Institute "Salary Fringe Benefit Reimbursement Agreement FY 2005" Ward, Kenneth School of Medicine Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$6,815
8.	Queen's Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Andrade, Naleen N Psychiatry- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$141,779
9.	Queen's Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Andrade, Naleen N Psychiatry- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$230,000
10.	Queen's Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Andrade, Naleen N Psychiatry- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$850,000

11.	Queen's Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Schatz, Irwin J Medicine- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$211,250
12.	Queen's Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Takanishi, Danny M. Surgery- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$612,830
13.	Saint Francis Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Schatz, Irwin J Medicine- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$258,554
14.	Saint Francis Medical Center "Salary Fringe Benefit Reimbursement Agreement FY 2005" Takanishi, Danny M. Surgery- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$208,351
15.	Straub Clinic & Hospital "Salary Fringe Benefit Reimbursement Agreement FY 2005" Takanishi, Danny M. Surgery- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$43,954
16.	Univ. Clinical, Education & Research Assoc. "Salary Fringe Benefit Reimbursement Agreement FY 2005" Blanchette, Patricia Geriatrics-MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$82,361
17.	Univ. Clinical, Education & Research Assoc. "Salary Fringe Benefit Reimbursement Agreement FY 2005" Cadman, Edwin C Dean's Office- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$280,687
18.	Univ. Clinical, Education & Research Assoc. "Salary Fringe Benefit Reimbursement Agreement FY 2005" Rudoy, Raul C Pediatrics- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$78,391
19.	Univ. Clinical, Education & Research Assoc. "Salary Fringe Benefit Reimbursement Agreement FY 2005" Schatz, Irwin J Medicine- MED Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005.	\$180,512

20. Univ. Clinical, Education & Research Assoc. \$333,986
 "Salary Fringe Benefit Reimbursement Agreement FY 2005"
 Takanishi, Danny M. Surgery- MED
 Salary and fringe reimbursement agreement to provide physician
 and physician-related services for FY 2005.

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

1. Association of Universities for Rsrch in Astronomy \$27,000
 "PN 230693 NIRI Repair Work"
 Hodapp, Klaus W Institute for Astronomy
 The Institute for Astronomy will perform repair/maintenance work on
 the Gemini Near Infrared Imager when requested by AURA.

2. National 4-H Council \$3,293
 "Engaging Youth, Serving Communities Project"
 Fontes, Ann M. Coop Extension Svc- CTAHR
 Conduct youth programs after school at 7 pilot sites utilizing The
 National 4-H Cooperative Curriculum System educational materials;
 Adult/Youth Partnership will provide opportunities for youth and
 adults to work together to plan, implement, and evaluate the
 completion of a community base project involving both youth and
 adult partnerships.

FROM: Mainland- Business

1. Joint Oceanographic Institutions, Inc. \$11,199
 "Shipboard Participant Salary Support"
 Fryer, Patricia Haw Inst Geophys & Planet
 Salary will support the participation of Mr. Samuel Hulme on
 Expedition NR-1.

FROM: Mainland- Health Organizations

1. Hutchinson (Fred) Cancer Research Center \$298,000
 "Cancer Information Service"
 Issell, Brian F Cancer Research Center

FROM: Mainland- Other

1. Nat'l Geographic Society \$20,000
 "Hawaii Geographic Alliance"
 McGranaghan, Matthew P Geography
 Project promotes geography and literacy for K-12 teachers through
 workshops and other activities. Project assists with State
 Geographic Bee and GIS Day.

2. Nat'l Writing Project \$53,000
 "2004 Funding Application-Continuation Report"
 Hershinow, Sheldon J Kapiolani CC

FROM: U.S. Universities and Colleges

1. Charles R. Drew University \$10,821
 "NIDDK-Charles Drew University of Medicine & Sciences
 National High School Student Summer Research Program:
 University of Hawaii Component"
 Hui, George S N Trop Med - Med Micro- MED
 Mentoring high school students to foster interest in biomedical
 research.
2. Mississippi State University \$11,942
 "University of Hawaii Participation in MOS University
 Consortium Pet Project"
 Lassner, David K Info Technology Services
 The University of HI will support the MOS University Team with the
 Education, Outreach & Training plus other components of the DoD
 PET Program.
3. Mississippi State University \$43,110
 "University of Hawaii Participation in MOS University
 Consortium PET Project EOTC Tasks"
 Lassner, David K Info Technology Services
 The University of Hawaii will support the MOS University Team with
 the Education, Outreach & Training plus other components of the
 DoD PET Program.
4. Mississippi State University \$73,786
 "University of Hawaii Participation in MOS University
 Consortium PET Project"
 Lassner, David K Info Technology Services
 The University of HI will support the MOS University Team with the
 Education, Outreach & Training plus other components of the DoD
 PET Program.
5. New York University \$25,000
 "Second Language and Literacy Development Over Time: A
 Synthesis of Longitudinal Research in Applied Linguistics"
 Ortega, Lourdes Second Language Studies
 To understand and improve upon why minority students cannot
 access opportunities for excellent education and societal
 participation due to the lack of essential bilingual and biliterate
6. Oklahoma State University \$5,000
 "Hawaii NASA Explorer School Support"
 Flynn, Luke P Haw Inst Geophys & Planet
 Mr. Art Kimura will help to plan and provide NASA-related
 classroom and community activities to support the NASA Explorer
 School at Waimea Middle School.
7. Univ of California (The Regents of) \$2,297
 "HIV Care Services Training & Educational Services"
 Waldron, Jane A Psychiatry- MED
 Provide HIV/AIDS Care Services Training and Educational Services
 to health care providers in Hawaii and South Pacific.

Funds Received from UH Foundation

RESEARCH AWARDS

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

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| 1. | Univ of Hawaii Foundation
"Regulation of Connexin43 in Ovarian Cells by G-Protein Coupled Receptor Signalling"
Warn-Cramer, Bonnie J Cancer Research Center
Lysophosphatidic acid (LPA) is secreted by ovarian tumor cells and stimulates intracellular events and activates the EGF receptor in normal ovarian cells. This receptor is over-expressed in most ovarian tumors. These studies examine EGF receptor activation in LPA-treated ovarian cells and the roles for c-Src, reactive oxygen species, and matrix-metalloproteases. | \$20,000 |
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NON-RESEARCH AWARDS

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

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| 1. | Univ of Hawaii Foundation
"Ecological Pest Management"
Almeida, Rodrigo Plant & Environmental
Solving agricultural pest problems through the integration of research, education, and outreach. | \$2,000 |
| 2. | Univ of Hawaii Foundation
"Ecological Pest Management"
Almeida, Rodrigo Plant & Environmental
Solving agricultural pest problems through the integration of research, education, and outreach. | \$1,274 |
| 3. | Univ of Hawaii Foundation
"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. | \$28,000 |
| 4. | Univ of Hawaii Foundation
"Ninth East-West Philosophers' Conference"
Ames, Roger T Philosophy
Hire graduate assistant to assist in organizing a conference that brings together world philosophers to reflect on "Educations and Their Purposes: A Dialogue Across Cultures." | \$18,000 |
| 5. | Univ of Hawaii Foundation
"Oliver Statler Collection"
Bazzell, Tokiko Library Services
This project account which is being funded by the University Foundation will be used to process payroll for a Library hire who is working on the processing, organizing, and describing the Oliver Statler Papers Collection which was donated to the University of Hawaii Library. | \$5,000 |

6.	Univ of Hawaii Foundation "CAMS Project Staff Salaries" Brown, Ronald C Chinese Studies- SHAPS Salaries for students and staff working on "Complementary and Alternative Medicine Studies" projects.	\$1,612
7.	Univ of Hawaii Foundation "Pediatrics Psychology-Chime Project" Crowell, David Psychology Computer processing relative to research activities.	\$1,400
8.	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.	\$12,122
9.	Univ of Hawaii Foundation "Center for Japanese Studies Educational Activities" Huey, Robert Japanese Studies- SHAPS To fund salary overload to UHM faculty participating in CJS-sponsored educational activities.	\$800
10.	Univ of Hawaii Foundation "Implementation of Needs Analysis of the Korean Community Schools in Hawaii" Lee, Dong J East Asian Language & Lit Textbook compilation on the basis of need analysis conducted In 09/01/02 - 08/31/03.	\$3,360
11.	Univ of Hawaii Foundation "Beatrice Watson Parrent Fellowship in Astronomy" McLaren, Robert A Institute for Astronomy The Beatrice Watson Parrent Endowment Fund was established in 1985 to support, in perpetuity, the Beatrice Watson Parrent Fellowship in Astronomy.	\$30,888
12.	Univ of Hawaii Foundation "Yehan Numata Distinguished Visiting Professor Chair in Buddhist Studies" Porter, Edgar A School, Haw, Asn & Pac The Numata Foundation funds will support the teaching and research of an internationally recognized Buddhist Studies scholar for one semester each year.	\$34
13.	Univ of Hawaii Foundation "Laila Art Fellows" Tanabe, Willa J Art Transfer funds to pay Laila Art Fellows their monthly stipends.	\$12,000

SUMMARY

EXTRAMURAL RESEARCH AWARDS, JULY/SEPTEMBER, 2004

DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	41	\$5,479,210	13.20
DHHS-Dept of Health & Human Services	21	\$12,935,556	31.16
DOC-Dept of Commerce	10	\$3,297,012	7.94
DOD-Dept of Defense	17	\$3,092,535	7.45
DOE-Dept of Energy	2	\$245,323	0.59
DOI-Dept of Interior	37	\$4,864,704	11.72
ED-Dept of Education	2	\$502,868	1.21
Agency for International Development	1	\$140,000	0.34
National Science Foundation	22	\$5,053,685	12.17
Nat'l Aeronautics & Space Administration	11	\$1,087,900	2.62
Hawaii- Government Agencies	14	\$1,334,872	3.22
Hawaii- Associations, Foundations, Societies,	9	\$407,700	0.98
Hawaii- Business and Other	8	\$367,000	0.88
Hawaii- Health Organizations	1	\$7,500	0.02
Mainland- Associations, Foundation, Soc, etc.	3	\$72,550	0.17
Mainland- Business	11	\$947,372	2.28
Mainland- Health Organizations	5	\$510,841	1.23
Mainland- Other	14	\$603,008	1.45
U.S. Universities and Colleges	14	\$441,567	1.06
All Non-U.S.	2	\$122,595	0.30
	245	\$41,513,798	100.00

SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, JULY/SEPTEMBER, 2004

DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	10	\$2,353,777	7.28
DHHS-Dept of Health & Human Services	13	\$3,274,509	10.13
DOC-Dept of Commerce	3	\$77,057	0.24
DOD-Dept of Defense	2	\$286,134	0.89
DOI-Dept of Interior	3	\$192,509	0.60
ED-Dept of Education	24	\$14,703,067	45.48
Agency for International Development	1	\$274,681	0.85
Environmental Protection Agency	4	\$130,132	0.40
National Science Foundation	3	\$99,718	0.31
Nat'l Aeronautics & Space Administration	4	\$175,125	0.54
Independent Federal Agencies- Minor	2	\$410,000	1.27
Hawaii- Government Agencies	17	\$2,161,699	6.69
Hawaii- Associations, Foundations, Societies,	15	\$252,144	0.78
Hawaii- Business and Other	10	\$703,820	2.18
Hawaii- Health Organizations	20	\$5,821,600	18.01
Mainland- Associations, Foundation, Soc, etc.	2	\$30,293	0.09
Mainland- Business	1	\$11,199	0.03
Mainland- Health Organizations	1	\$298,000	0.92
Mainland- Other	2	\$73,000	0.23
U.S. Universities and Colleges	12	\$601,039	1.86
All Non-U.S.	2	\$399,685	1.24
	151	\$32,329,188	100.00

YEAR-TO-DATE SUMMARY
 EXTRAMURAL RESEARCH AWARDS, JULY/SEPTEMBER, 2004
 DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	41	\$5,479,210	10.85
DHHS-Dept of Health & Human Services	26	\$16,671,239	33.03
DOC-Dept of Commerce	11	\$3,332,274	6.60
DOD-Dept of Defense	18	\$3,940,753	7.81
DOE-Dept of Energy	2	\$245,323	0.49
DOI-Dept of Interior	37	\$4,864,704	9.64
ED-Dept of Education	3	\$699,301	1.39
Agency for International Development	1	\$140,000	0.28
National Science Foundation	29	\$6,615,832	13.11
Nat'l Aeronautics & Space Administration	14	\$2,315,323	4.59
Hawaii- Government Agencies	16	\$1,537,766	3.05
Hawaii- Associations, Foundations, Societies, etc.	10	\$457,666	0.91
Hawaii- Business and Other	8	\$367,000	0.73
Hawaii- Health Organizations	1	\$7,500	0.01
Mainland- Associations, Foundation, Soc, etc.	4	\$79,050	0.16
Mainland- Business	12	\$948,607	1.88
Mainland- Health Organizations	5	\$510,841	1.01
Mainland- Other	14	\$603,008	1.19
U.S. Universities and Colleges	18	\$1,189,723	2.36
All Non-U.S.	6	\$474,762	0.94
	276	\$50,479,882	100.00

YEAR-TO-DATE SUMMARY
 EXTRAMURAL NON-RESEARCH AWARDS, JULY/SEPTEMBER, 2004
 DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	10	\$2,353,777	5.78
DHHS-Dept of Health & Human Services	16	\$3,999,759	9.83
DOC-Dept of Commerce	4	\$292,057	0.72
DOD-Dept of Defense	2	\$286,134	0.70
DOI-Dept of Interior	3	\$192,509	0.47
ED-Dept of Education	26	\$15,319,066	37.65
Agency for International Development	1	\$274,681	0.68
Environmental Protection Agency	4	\$130,132	0.32
National Science Foundation	11	\$5,997,987	14.74
Nat'l Aeronautics & Space Administration	5	\$199,125	0.49
Independent Federal Agencies- Minor	3	\$425,000	1.04
Hawaii- Government Agencies	20	\$2,478,139	6.09
Hawaii- Associations, Foundations, Societies, etc.	17	\$441,667	1.09
Hawaii- Business and Other	12	\$770,017	1.89
Hawaii- Health Organizations	21	\$5,823,100	14.31
Mainland- Associations, Foundation, Soc, etc.	2	\$30,293	0.07
Mainland- Business	2	\$207,199	0.51
Mainland- Health Organizations	1	\$298,000	0.73
Mainland- Other	3	\$171,849	0.42
U.S. Universities and Colleges	12	\$601,039	1.48
All Non-U.S.	2	\$399,685	0.98
	177	\$40,691,215	100.00

Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior "UHH-Early Detection on Maui"	\$45,000
Sharon Ziegler-Chong	UHH-Aquaculture
2. DOI-Dept of Interior "UHH-Seabird Monitoring Plan"	\$71,159
Sharon Ziegler-Chong	UHH-Aquaculture
3. DOI-Dept of Interior "UHH-Hawaiian Vegetation Mapping Project"	\$74,000
Sharon Ziegler-Chong	UHH-Aquaculture
4. DOI-Dept of Interior "UHH-Temporal Trends Hanalei Bay"	\$23,852
Sharon Ziegler-Chong	UHH-Aquaculture
5. DOI-Dept of Interior "UHH-Molecular Tools Genetic Analysis"	\$97,000
Sharon Ziegler-Chong	UHH-Aquaculture
6. DOI-Dept of Interior "UHH-Pacific Marine Research Needs Assessment"	\$24,000
Sharon Ziegler-Chong	UHH-Aquaculture
7. DOI-Dept of Interior "UHH-Reducing Feral Cat Threats"	\$26,595
Sharon Ziegler-Chong	UHH-Aquaculture
8. DOI-Dept of Interior "UHH-Restoration Two Maui Forests"	\$33,500
Sharon Ziegler-Chong	UHH-Aquaculture
9. DOI-Dept of Interior "UHH-PBIN:Operation & PIERC (Hear) Invasive Species Theme"	\$330,000
Sharon Ziegler-Chong	UHH-Aquaculture

Attachment #1 - Board of Regents' Meeting, 10/22/04

- | | |
|--|-----------------|
| 10. DOI-Dept of Interior
"UHH-Hawaiian Forest Bird Database Research" | \$52,111 |
| Sharon Ziegler-Chong | UHH-Aquaculture |
| 11. DOI-Dept of Interior
"UHH-Habitat Selection:Hoary Bat" | \$135,108 |
| Sharon Ziegler-Chong | UHH-Aquaculture |
| FROM: Hawaii Business & Other | |
| 1. Oceanic Institute
"Black Lip Oyster Pearl Farming" | \$42,721 |
| Maria Haws | UHH-Aquaculture |

NON-RESEARCH AWARDS

FROM: DOC-Dept of Commerce

- | | |
|---|-----------------|
| 1. DOC-Dept of Commerce
"UHH HIP Native Hawaiian Writer for MOU" | \$3,000 |
| Sharon Ziegler-Chong | UHH-Aquaculture |

FROM: ED-Dept of Education

- | | |
|--|--|
| 1. ED-Dept of Education
"Upward Bound Math/Science FY 2005"
"Upward Bound Math/Science - Room, Board & Meals (FY05)" | \$288,383 |
| Cornelia Anguay | UHH-Upward Bound |
| 2. ED-Dept of Education
"Upward Bound Classic Program FY 2005"
"Upward Bound Classic Program - Room & Board (FY05)" | \$417,586 |
| Cornelia Anguay | UHH-Upward Bound |
| 3. ED-Dept of Education
"Student Support Services Program FY 2005"
"Student Support Services Program Supplement FY 2005" | \$264,998 |
| Caroline Garrett | UHH-Counseling and Student
Development Center |

Attachment #1 - Board of Regents' Meeting, 10/22/04

FROM: DHHS-Dept of Health and Human Services

1. DHHS-Dept of Health and Human Services (NIH) \$303,886
"MBRS RISE"
"MBRS RISE Students"

Daniel Brown UHH-Social Science

FROM: Mainland Other

1. MBA Non-Profit Connection \$8,050
"2004 Packard Environment Fellows Program"

Maria Haws UHH-Aquaculture

FROM: US Colleges and Universities

1. Georgia State University \$16,231
"Series of Workshops in Chemical Sciences - Molecular Genetics"

Donald Price UHH-Biology

FROM: Hawaii Government Agencies

1. Office of Hawaiian Affairs (OHA) \$581,948
"Na Pua Noeau FY 2005"

David Sing UHH-Director's Office

2. County of Hawaii \$4,140
"PGA Professional Golf Management Program"

Marcia Sakai UHH-Economics

3. Ke Kula 'o Samuel M. Kamakau Public Charter School \$130,000
"MOA-Kamakau Public Charter School"

Keiki Kawaiaea UHH-Arts & Humanities

UNIVERSITY OF HAWAI'I AT HILO SUMMARY
EXTRAMURAL RESEARCH AWARDS, JULY 2004 - SEPTEMBER 2004
DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DOI-Dept of Interior	11	\$912,325	96.00
Hawaii Business and Other	1	\$42,721	4.00
Total	12	\$955,046	100.00

UNIVERSITY OF HAWAI'I AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, JULY 2004 - SEPTEMBER 2004

DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DOC-Dept of Commerce	1	\$3,000	0.00
ED-Dept of Education	3	\$970,967	48.00
DHHS-Dept of Health and Human Services	1	\$303,886	15.00
Mainland Other	1	\$8,050	0.00
US Colleges and Universities	1	\$16,231	1.00
Hawaii Government Agencies	3	\$716,088	36.00
Total	10	\$2,018,222	100.00

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

Appointments, Changes in Appointments, Leaves of Absence, Promotion, Tenure, Waiver of Minimum Qualifications, Emeritus Titles, Shortening of Probationary Period, Salary Adjustments, Position Actions, Classification, Pricing

UNIVERSITY OF HAWAI'I AT M} NOA

Executive

OSTRANDER, GARY K.
Vice Chancellor for Research and Grad Ed
Office of the Chancellor, UH M~noa
Specific effective date to be determined after
Board approval for three year appointment

Managerial

SYRMOS, VASSILIS L.
Associate Dean for Academic Affairs
College of Engineering
Upon Approval by the Board

Professor or equivalent

JOHNSON JULIE E.
Professor, I5
School of Nursing and Dental Hygiene
Award Tenure
Upon Approval by the Board

SCHWARZWALDER, ROBERT N. JR.
Librarian V, B5
Library Services
Award Tenure
Upon Approval by the Board

Administrative, Professional and Technical

NELSON, JOHN E.
UH Head Tennis Coach (Men)
Intercollegiate Athletics
Reappointment
July 1, 2004 - June 30, 2007

SHOJI, DAVID
UH Head Volleyball Coach (Women)
Intercollegiate Athletics
Reappointment
January 15, 2003 - June 30, 2008
Salary Adjustments
January 15, 2003
July 1, 2005
July 1, 2006
July 1, 2007

TENZING, PINSOOM
UH Head Soccer Coach (Women)
Intercollegiate Athletics
Reappointment and Salary Adjustment
February 1, 2004 - June 30, 2006

COMMUNITY COLLEGES

Managerial

ASHLEY, EVELYN E.
Acting Assistant Dean (CC)
Windward Community College
November 1, 2004 - August 31, 2005, or until
the incumbent returns to the position, whichever
occurs sooner.

MULLIKIN, LINKA
Acting Dean of Instruction
Windward Community College
November 1, 2004 - August 31, 2005 or until
the incumbent returns to the position, whichever
occurs sooner.

WHITTEN, CHARLES
Acting Dean of Student Services
Windward Community College
November 1, 2004 - June 30, 2005 or until
the incumbent returns to the position, whichever
occurs sooner.

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

RESIGNATIONS AND RETIREMENTS OF BOARD OF REGENTS

Resignations

ALARCON, CHRISTY
Instructional & Student Support
(Student Services Specialist)
Student Equity, Excellence, & Diversity
University of Hawai'i at M~noa
June 15, 2004

ANDERSON, BRUCE
Specialist
Public Health Sciences
University of Hawai'i at M~noa
July 31, 2004

BONADONNA, COSTANZA
Assistant Researcher
School of Ocean and Earth Science
and Technology
University of Hawai'i at M~noa
August 31, 2004

CURRY, KAREN D.
Info, Events and Publications
(Publications Sp)
University of Hawai# Press
University of Hawai'i at M~noa
July 21, 2004

DOUGHTY, CATHERINE J.
Associate Professor
Second Language Studies
University of Hawai'i at M~noa
July 31, 2004

EADES, DIANA MARY
Associate Professor
Second Language Studies
University of Hawai'i at M~noa
July 31, 2004

ENOKI, TED T.
Physical Plant Management
(Auxiliary & Facility Services Officer)
Buildings and Grounds Management
University of Hawai'i at M~noa
July 20, 2004

FOUNTAIN, BLANCHE
Institutional Support
(Administrative Officer)
Co-Curricular Activities, Programs, & Services
University of Hawai'i at M~noa
May 31, 2004

FRANCK, VALERIE M.
Academic Support
(Educational Specialist)
Sea Grant College Program
University of Hawai'i at M~noa
August 20, 2004

GREEN, BRIAN R.
UH Asst Baseball Coach
Intercollegiate Athletics
University of Hawai'i at M~noa
July 23, 2004

HALL, JAMES E.
Assistant Professor
Psychology
University of Hawai'i at M~noa
June 30, 2004

HAMAI, NICHOLE S.
Acting Assistant Professor
English
University of Hawai'i at M~noa
July 31, 2004

HAMER, CATHERINE S.
Librarian II and Head, Access Services
Hamilton Library
University of Hawai'i at M~noa
August 31, 2004

HONG, MELANIE L. M.
Research Support
(Research Associate)
Pacific Biomedical Research Center
University of Hawai'i at M~noa
July 30, 2004

LONG, MICHAEL H.
Professor
Second Language Studies
University of Hawai'i at M~noa
July 31, 2004

MOORE, PETER
Junior Specialist
Kua'ana Native Hawaiian Stdnt Dev Svcs
University of Hawai'i at M~noa
June 30, 2004

NAGAHARA, HIROYUKI
Assistant Professor
East Asian Languages and Literatures
University of Hawai'i at M~noa
July 31, 2004

OGNJANOVIC, SIMONA
Junior Researcher
Pacific Biomedical Research Center
University of Hawai'i at M~noa
August 31, 2004

PAWLOSKI, JEFFREY
Junior Specialist
Laboratory Animal Service
University of Hawai'i at M~noa
May 14, 2004

PEARSON, LAUREL
Research Support
(Research Associate)
Pacific Biomedical Research Center
University of Hawai'i at M~noa
July 30, 2004

SMITH, KRISTEN
Instructional & Student Support
(Early Childhood Specialist)
UHM Children's Center
University of Hawai'i at M~noa
February 17, 2004

WEBB, DAVID EDWARD
Assistant Professor
Languages and Literatures of Europe
and the Americas
University of Hawai'i at M~noa
July 31, 2004

WILLIAMS, MARIA
Instructional & Student Support
(Student Services Specialist)
School & College Services
University of Hawai'i at M~noa
February 27, 2004

YAM, EMILY M.
Junior Specialist
Oceanography
University of Hawai'i at M~noa
August 6, 2004

YONAMINE, FARAH
Instructional & Student Support
(Student Services Specialist)
Admissions & Records
University of Hawai'i at M~noa
July 30, 2004

Retirements

CHENG, SUSIE S.
Librarian IV
Hamilton Library
University of Hawai'i at M~noa
July 31, 2004

CROOK, KEITH A.W.
Specialist
Oceanography
University of Hawai'i at M~noa
June 30, 2004

FULLER, GARY A.
Professor
Geography
University of Hawai'i at M~noa
August 31, 2004

GUILLORY, RICHARD J.
Professor
Anatomy, Biochemistry, Physiology and
Reproductive Biology
University of Hawai'i at M~noa
August 31, 2004

LANDERS, JAMES R.
Associate Professor
East Asian Languages and Literatures
University of Hawai'i at M~noa
August 31, 2004

RAMOS, TERESITA V.
Professor
Hawaiian and Indo-Pacific Languages
and Literatures
University of Hawai'i at M~noa
July 31, 2004

SAKAUE, SUSAN M.
Academic Support
(Educational Sp)
Second Language Studies
University of Hawai'i at M~noa
June 30, 2004

SUN, PIERA S.
Associate Researcher
Pacific Biomedical Research Center
University of Hawai'i at M~noa
August 31, 2004

VARLEY, HERBERT P.
Professor
History
University of Hawai'i at M~noa
July 31, 2004

RETIREMENTS OF CIVIL SERVICE EMPLOYEES

EZAWA, STEPHANY K.
Pre Audit Clerk IV
Disbursing & Payroll Office
University of Hawai'i, System
September 30, 2004

HELIKER, GWEN K.L.
Clerk Typist III
College of Business Admin
University of Hawai'i at M~noa
August 31, 2004

NAEHU, ANGELITA O.
Clerk Stenographer III
Maui County - Moloka'i
College of Tropical Agriculture and Human Resources
University of Hawai'i at M~noa
August 31, 2004

NISSEM, KAAREN L.
Secretary II
Mgmt & Industrial Relations
University of Hawai'i at M~noa
August 31, 2004

TAGA, DOREEN S.
Secretary IV
Information Technology Services
University of Hawai'i, System
August 31, 2004

YANAZAKI, ELAINE E.
Secretary III
Institutional Research Office
University of Hawai'i, System
September 30, 2004

David McClain
Acting President