BOARD OF REGENTS’ MEETING

Date: Thursday, November 18, 2004
Time: 10:00 a.m.
Place: University of Hawai'i at Mānoa
   Campus Center Conference Chamber, Room 220
   2465 Campus Road
   Honolulu, HI 96822

AGENDA

I. Call Meeting to Order

II. Approval of Minutes of the Board of Regents’ October 22, 2004 Meeting and Committee Meetings

III. Agenda Items 1

   1. Renewal of Lease Agreement for Rain.Bow.Tique at Ward Center
   2. Amended Lease Agreement for Lahaina Outreach Education Center, Maui Community College
   3. Authorize Payment to the Housing and Community Development Corporation of Hawai‘i for the Kapolei Interceptor Sewer Line
   5. Contract for Consultant Services with Cassidy and Associates
   6. Personnel Actions (Attachment #1, pg. 3) will be considered in executive session2
   7. Extension of the Provisional Status of the Master of Education Program in Early Childhood Education, College of Education, University of Hawai‘i at Mānoa
   8. Establishment of the Applied Research Laboratory - University of Hawai‘i at Mānoa
   9. Approval of Proposed Amendment to the Board of Regents’ Policies, Section 11-4, Naming of Campus Improvements and Academic Programs and Proposed Guidelines
   10. Inclusion of all Unclassified Graduate Students as Full Members of the Graduate Student Organization (GS) and Increase in GSO Fees
   11. System Level Reorganization
   12. Establishment, Amendment/Retitling, and Abolishment of University of Hawai‘i Executive Classes
   13. Establishment of New Executive Class - Vice Chancellor, Community Colleges
   14. Request for Proposals for the Development of Student Housing on the University of Hawai‘i at Mānoa Campus
   15. Request for Qualifications for the Development of the Cancer Research Center on the Kaka‘ako Waterfront
   16. Request for Qualifications for the Development of the University of Hawai‘i - West O’ahu Campus
   17. Maui Exposition Inc. Lease Agreement, Maui Community College

Footnotes:

1 If necessary, the agenda will be completed on the following day
2 The Board will be taking a working lunch at approximately 12:00 noon
Board of Regents’ Meeting (Continued)

IV. Appointments, Changes in Appointments, Leaves of Absence, Promotion, Tenure, Waiver of Minimum Qualifications, Emeritus Titles, Shortening of Probationary Period (Attachment #2, pgs. 4-8); Resignations and Retirements of Board of Regents Appointees and Civil Service Employees (Attachment #2, pgs. 9-13)

V. Gifts, Grants and Contracts - For Board Action (See Attachment #3, pgs.14-43)

VI. University of Hawai‘i Foundation Reports

VII. Report of Executive Officer
   1. UH-M–noa Recovery Efforts
   2. Integrated Financial Plan, 2005-2011
   3. Research Corporation of the University of Hawai‘i (RCUH) Strategic Plan
   4. Other University Matters

VIII. New or Other Business

IX. Announcement of Next Meeting of the Board
   Date and Time: January 20, 2005
   Place: Kapi‘olani Community College

X. Adjournment
PERSONNEL ACTIONS RELATED TO THE FOLLOWING POSITIONS:

1. Interim Vice President for Research
2. Associate Vice President for External Affairs and University Relations
3. Director of Capital Improvements
4. Director for International Affairs
5. Acting Vice Chancellor for Administration, Finance and Operations, University of Hawai‘i at Mānoa
6. Dean, School of Social Work, University of Hawai‘i at Mānoa
7. Softball Coach, University of Hawai‘i at Mānoa
8. Acting Chancellor, University of Hawai‘i - West O‘ahu
9. Interim Dean, College of Business and Economics, University of Hawai‘i at Hilo
10. Vice Chancellors, University of Hawai‘i at Hilo
11. Evaluation of Executive Personnel
12. Honorary Degree

*Personnel actions noticed above will be discussed in an executive session pursuant to HRS § 92-5(a)(2)*
Appointments, changes in appointments, leaves of absence, promotion, tenure, waiver of minimum qualifications, emeritus titles, shortening of probationary period, salary adjustments, position actions, classification, pricing

UNIVERSITY OF HAWAI‘I, SYSTEM

Executive

CALLEJO, SAM
Chief of Staff
Office of the President
Salary Adjustment
July 1, 2004

CHING, DORIS
Vice President for Student Affairs
Office of the VP for Student Affairs
Salary Adjustment
July 1, 2004

JOHNSRUD, LINDA
Associate Vice President
Office of the VP for Academic Affairs
Salary Adjustment
July 1, 2004
July 1, 2005

NAKAMURA, GLENN
Interim Director of University Budget
University Budget Office
Salary Adjustment
July 1, 2004

ROTA, MICHAEL
Associate Vice President
Off of the VP for Academic Affairs
Salary Adjustment
July 1, 2004
July 1, 2005

UNEBAŚAMI, MICHAEL
Associate Vice President
Off of the Vice President for Admin/CFO
Salary Adjustment
July 1, 2004
July 1, 2005

Executive/Managerial

2% adjustment to base salary of Executive/Managerial employees at the CUPA-HR 20th percentile and below the CUPA-HR 50th percentile effective July 1, 2004
UNIVERSITY OF HAWAI‘I AT MANOA

Executive

DUBANOSKI, RICHARD
Dean
College of Social Sciences
Salary Adjustment
July 1, 2004

HAYES, CHARLES
Interim Dean
College of Natural Sciences
Reappointment & Salary Adjustment
December 17, 2004 - December 16, 2005 or until a permanent dean is appointed, whichever occurs first
Salary Adjustment
July 1, 2005

HUGHES, JUDITH
Dean
College of Arts & Humanities
Salary Adjustment
July 1, 2004

KEIL, KLAUS
Interim Dean
School of Ocean and Earth Science and Technology
Reappointment
August 1, 2004 - July 31, 2005, or until a permanent dean is appointed, whichever occurs first

MATSUOKA, JON
Interim Dean
School of Social Work
Salary Adjustment
July 1, 2004

MATSUOKA, JON
Dean
School of Social Work
Appointment
December 1, 2004 - November 30, 2005
O’MEALY, JOSEPH
Dean
College of Languages, Linguistics and Literature
Salary Adjustment
July 1, 2004

PERKINS, FRANK
Asst VP Research & Graduate Education
Off of the VC for Res & Grad Education
Salary Adjustment
July 1, 2004

PORTER, EDGAR A.
Interim Dean
School of Hawaiian, Asian and Pacific Studies
Salary Adjustment
July 1, 2004

ROLEY, V. VANCE
Dean
College of Business Administration
January 1, 2005 - December 31, 2007

SAKAGUCHI, RODNEY
Vice Chancellor for Admin, Finance & Ops
Office of the VC for Admin, Finance & Ops
Salary Adjustment
July 1, 2004

TANAKA, PETER
Interim Dean
Outreach College
Salary Adjustment
July 1, 2004
Reappointment
October 1, 2004 - September 30, 2005, unless sooner relieved

VOGEL, CARL-WILHELM
Director
Cancer Research Center of Hawai‘i
Salary Adjustment
July 1, 2004
Salary Adjustment
Upon Approval by the Board

WILLS, JAMES JR.
Interim Dean
College of Business Administration
Salary Adjustment
July 1, 2004
Managerial

HU, CHING YUAN
Associate Dean for Academic Affairs
College of Tropical Agriculture and Human Resources
Upon Board Approval

Professor or equivalent

HU, CHING YUAN
Professor, I5
Human Nutrition, Food and Animal Sciences
College of Tropical Agriculture and Human Resources
Faculty Appointment and Expedited Tenure Review
Upon Board Approval

Administrative, Professional and Technical

TRAPASSO, MICHEL
UH Head Baseball Coach
Intercollegiate Athletics
Reappointment
July 1, 2004 - June 30, 2009
Salary Adjustments
July 1, 2004
July 1, 2006
July 1, 2008

UNIVERSITY OF HAWAI'I AT WEST OAHU

Executive

AWAKUNI, GENE
Chancellor
University of Hawai'i at West O'ahu
March 1, 2005 - February 29, 2008

COMMUNITY COLLEGES

Executive

CHA, PEGGY
Chancellor
Kaua'i Community College
Salary Adjustment
July 1, 2004
July 1, 2005

MEIXELL, ANGELA
Chancellor
Windward Community College
Salary Adjustment
July 1, 2004
July 1, 2005
Attachment #2 - Board of Regents’ Meeting, 11/18/04

MORTON, JOHN
Chancellor
Kapi'olani Community College
Salary Adjustment
July 1, 2004

PEDERSON, RAMSEY
Chancellor
Honolulu Community College
Salary Adjustment
July 1, 2004
July 1, 2005
July 1, 2006

SAKAMOTO, CLYDE
Chancellor
Maui Community College
Salary Adjustment
July 1, 2004

SILLIMAN, MARK
Chancellor
Leeward Community College
Salary Adjustment
July 1, 2004
July 1, 2005
July 1, 2006

Emeritus

NAKAMURA, CAROLINE
Professor
Humanities - Literature
Kapi'olani Community College
Upon Board Approval

**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

AKAMINE, DOREEN
Acting Instructor
Nursing
Kapi‘olani Community College
July 31, 2004

CALVAN, DAVID C.
Instructor
Culinary Arts
Windward Community College
August 16, 2004

COHEN, HIYAGUHA R.
Instructor
Learning Resources
Leeward Community College
August 2, 2004

GERLAI, ROBERT T.
Assistant Professor
Psychology
University of Hawai‘i at Mānoa
August 11, 2004

HALIM, MIMPIN
IT Specialist
Information Technology Services
University of Hawai‘i, System
August 5, 2004

HIRAKI, CARLA A.
Junior Extension Agent
Plant & Environmental Protection Sciences
University of Hawai‘i at Mānoa
September 30, 2004

HOUSER, GREGORY S.
Instructor
Natural Sciences
Kaua‘i Community College
July 31, 2004

ISOBE, JOHN K.
Dir of Continuing Ed & Trng
Kaua‘i Community College
September 15, 2004
JARDINE, ANDREW J.
IT Specialist
Computer Center
Kapiʻolani Community College
August 13, 2004

JUDAY, GLORIA J.
Instructor
Outreach
Maui Community College
August 27, 2004

KANIAUPIO-CROZIER J. E.
Instructor
Language Arts
Leeward Community College
July 31, 2004

KARU, ALEXANDER E.
Researcher
Molecular Biosciences & Bioengineering
University of Hawai'i at Mānoa
September 15, 2004

KEYWORTH, JUDITH
Assistant Professor, CC Nursing
Kapiʻolani Community College
July 31, 2004

LUCAS, LOUISE K.
Assistant Specialist
Office of Vice Chanc for Acad Aff
University of Hawai'i at Hilo
September 30, 2004

MICHAUD, TANYA M.
Junior Researcher
Cell & Molecular Biology
University of Hawai'i at Mānoa
September 30, 2004

NARUSAWA, JOEL Y.
Allied Health & Safety
(Environmental Health & Safety Specialist)
Environmental Health & Safety Office
University of Hawai'i at Mānoa
September 17, 2004
NI, NIYATI K.  
Junior Specialist  
Native Hawaiian Health  
University of Hawai‘i at Mānoa  
October 1, 2004

PATRINOS, MARY E.  
Assistant Professor  
Pediatrics  
University of Hawai‘i at Mānoa  
September 20, 2004

RESTOM GASKILL, DOUGLAS  
Junior Plant Pathologist  
Plant & Environmental Protection Sciences  
University of Hawai‘i at Mānoa  
September 20, 2004

ROMAO, HEATHER  
Junior Specialist  
Public Health Sciences  
University of Hawai‘i at Mānoa  
September 3, 2004

ROSENSWIKE, AUDREY K.  
Institutional Support (Personnel Officer)  
Personnel  
Leeward Community College  
March 19, 2004

TOLLEFSEN, OLAF K.  
Instructor  
Psychiatry  
University of Hawai‘i at Mānoa  
August 16, 2004

WATSON-WADE, TAMARA A.M.  
Assistant Professor, CC  
Learning Resources  
Leeward Community College  
June 30, 2004

WIEHE, MICHAEL D.  
IT Specialist  
Dean’s Office  
University of Hawai‘i at Mānoa  
September 30, 2004

WILLIAMS, GERI E.  
Assistant Professor, CC  
Counseling & Guidance  
Leeward Community College  
July 31, 2004
WRIGHT, DANEFORD M.
Physical Plant Mgmt
(Auxiliary and Facilities Svcs Officer)
Admin Director’s Office
Maui Community College
September 7, 2004

Retirements

DRISCOLL, MICHELE R.
Assistant Professor, CC
Language Arts
Maui Community College
July 31, 2004

FURUYAMA, WALTER T.
Instructor
Technologies
Windward Community College
August 31, 2004

KIMURA, BERT Y.
Professor, CC
Educational Media Center
Kapi‘olani Community College
September 30, 2004

LAI, WAIHANG
Professor, CC
Humanities
Kaua‘i Community College
August 31, 2004

POND, GARMAN JACQUES
Professor, CC
Language Arts
Leeward Community College
July 31, 2004
RETIREMENTS OF CIVIL SERVICE EMPLOYEES

INOUIE, COLLEEN M.
Account Clerk IV
Office of Research Svcs
University of Hawai‘i at M–noa
October 31, 2004

MAU, ROBERT K. B.
Motor Boat Operator-Utility Worker
Hawai‘i Institute of Marine Biology
University of Hawai‘i at M–noa
August 31, 2004

ONO, KATHERINE A.
Secretary II
School of Architecture
University of Hawai‘i at M–noa
December 30, 2004

SHIBATA, ALICE A.
Secretary II
Financial Econ & Institutions Department
University of Hawai‘i at M–noa
December 30, 2004

YAMAMOTO, CRAIG T.
Air Conditioning Mech I
Facilities Planning & Mgmt
University of Hawai‘i at M–noa
January 30, 2004

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David McClain
Interim President
GIFTS, GRANTS AND CONTRACTS

The following gifts, grants, and contracts received during the period September 16, 2004 through September 30, 2004 total $36,565,396. The University of Hawai‘i at Hilo received a total of $4,166,334 during the same period.

RESEARCH AWARDS
FROM: DA-Dept of Agriculture

1. DA-Cooperative State Research Service $65,726
   "Rhabditid Nematodes and Antagonists in Suppression of Plant-Parasitic Nematodes"
   Fallon, Declan Plant & Environmental
   Use of native soil flora and fauna to control plant-parasitic nematodes. Research will identify beneficial relationships between antagonists for the suppression of nematode pest species.

2. DA-Cooperative State Research Service $54,306
   "Morinda Citrifolia (Noni): Potential Role of Nuclear Transcription Factors in Ameliorating Hyperlipidemia"
   Nerurkar, Pratibha V Molecular Biosciences &
   The project investigates the lipid lowering and cardio-protective effects of commercial and laboratory preparations of noni extracts.

3. DA-Cooperative State Research Service $1,082,924
   "Tropical and Subtropical Agricultural Research (TSTAR) Umbrella B - 2004"
   Vincent, Douglas L College of Tropical Ag &
   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, foliage, tropical fruits, dairy, and landscape.

4. DA-Dept of Agriculture $29,584
   "Management of Banana Bunchy Top in Hawaii"
   Almeida, Rodrigo Plant & Environmental
   To study the spread of banana bunchy top disease and develop successful and sustainable disease control strategies.

5. DA-Dept of Agriculture $7,865
   "Chemical Weed Control for Seed Production of Native Hawaiian Grasses and Stakeholder Outreach"
   DeFrank, Joseph Tropical Plant & Soil Science
   Research will identify weed control methods for seed production of native Hawaiian grasses and outreach of results via field days and web site.
<table>
<thead>
<tr>
<th>6. DA-Dept of Agriculture</th>
<th>$110,000</th>
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<tbody>
<tr>
<td>&quot;Prevention and Control of Invasive Termite Species in Hawaii and the American Pacific&quot;</td>
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<tr>
<td>Grace, J Kenneth Plant &amp; Environmental</td>
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<tr>
<td>Monitor the distribution of invasive termites, assess and improve termite prevention and control techniques, and investigate termite behavioral ecology with respect to control methodology.</td>
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<thead>
<tr>
<th>7. DA-Dept of Agriculture</th>
<th>$241,700</th>
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<tbody>
<tr>
<td>&quot;Agricultural Postharvest, Value-added Products and Processing Program&quot;</td>
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<tr>
<td>Hashimoto, Andrew College of Tropical Ag &amp; R-9</td>
<td></td>
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<tr>
<th>8. DA-Dept of Agriculture</th>
<th>$100,000</th>
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<tbody>
<tr>
<td>&quot;Study of Attraction of Non-Target Organisms to Fruit Fly Female Attractants &amp; Male Lures in Hawaii&quot;</td>
<td></td>
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<tr>
<td>Rubinoff, Daniel Plant &amp; Environmental</td>
<td></td>
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<tr>
<td>To investigate attraction and effects on non-target organisms of ME, Cl, GF120 protein bait and Biolure bait.</td>
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<thead>
<tr>
<th>9. DA-Dept of Agriculture</th>
<th>$107,363</th>
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<tbody>
<tr>
<td>&quot;Detection, Control, and Mitigation of Banana Bunchy Top Virus (BBTV) and Citrus Tristeza (CTV) Virus in Hawaii&quot;</td>
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<tr>
<td>Vincent, Douglas L Coll, Trop Ag &amp; Human Res R-9</td>
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<thead>
<tr>
<th>10. DA-Dept of Agriculture</th>
<th>$244,958</th>
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<tbody>
<tr>
<td>&quot;Minor Crop Pest and Disease Control&quot;</td>
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<tr>
<td>Vincent, Douglas L Coll, Trop Ag &amp; Human Res R-9</td>
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<tr>
<th>11. DA-Dept of Agriculture</th>
<th>$100,000</th>
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<tbody>
<tr>
<td>&quot;Cultural Management of Insect Pests: Using Barrier Crops to Protect Against Insect Inflicted Plant Impairments&quot;</td>
<td></td>
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<tr>
<td>Wright, Mark G Plant &amp; Environmental</td>
<td></td>
</tr>
<tr>
<td>Research entails using cover crops and intercrop as a cultural management tactic to protect crop plants from insect inflicted plant impairments.</td>
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FROM: DHHS-Dept of Health & Human Services

<table>
<thead>
<tr>
<th>1. NIH-Nat'l Cancer Institute (NCI)</th>
<th>$45,765</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Patterns of Cancer Care: Review of Bladder, Chronic Myelogenous Leukemia, B-cell Lymphoma, and Multiple Myeloma&quot;</td>
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<tr>
<td>Goodman, Marc T Cancer Research Center</td>
<td></td>
</tr>
<tr>
<td>Review of medical records to examine the patterns of treatment for patients with bladder, chronic myelogenous leukemia, B-cell lymphoma, and multiple myeloma.</td>
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</tr>
</tbody>
</table>
2. NIH-Nat'l Cancer Institute (NCI)  
"Epidemiologic Studies of Diet and Cancer in Hawaii"  
Kolonel, Laurence  
Cancer Research Center  
To collect data, blood & urine from members of the Multiethnic Cohort Study of diet and cancer.

3. NIH-Nat'l Cancer Institute (NCI)  
"The TGFB Pathway, Gene Variants and Colorectal Neoplasia"  
Le Marchand, Loic  
Cancer Research Center  
To examine associations between genetic variants of the TGFB1 signaling pathway in two completed studies of colorectal adenoma and colorectal cancer.

4. NIH-Nat'l Cancer Institute (NCI)  
"Epidemiologic Research on Ethnic/Racial Minorities in the Colon CFR"  
Le Marchand, Loic  
Cancer Research Center  
To collect data, blood & tissue to determine genetic risk factors for colorectal cancer.

5. NIH-Nat'l Cancer Institute (NCI)  
"Quality of Life in Multiethnic Testis Cancer Survivors"  
Muraoka, Miles Y  
Cancer Research Center  
To describe the quality of life (QOL) in an ethnically-diverse population of long-term testicular cancer survivors. The results of this study will provide the first findings to document long-term sequela of testicular cancer diagnosis and treatment in Asian/Pacific Islander, Latino, and African American survivors.

6. NIH-Nat'l Cancer Institute (NCI)  
"Testing the Transtheoretical Model of Behavior Change"  
Nigg, Claudio  
Office of Public Health Studies  
This is a project investigating why individuals change physical activity and nutrition behaviors over time using the Transtheoretical Model of Behavior Change.

7. NIH-Nat'l Cancer Institute (NCI)  
"Cancer Research Center of Hawaii (CURE Supplement)"  
Vogel, Carl-Wilhelm  
Cancer Research Center  
This grant is to create a program to stimulate interest in cancer research in minority high school students.

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

9. NIH-Nat'l Center for Minority Health Disparities  
"Partnership for Diabetes Related Disparities in Hawaii"  
Mau, Marjorie K  
Department of Native Hawaiian  
Research collaboration to investigate diabetes related disparities in the State of Hawaii.
10. NIH-Nat'l Center for Research Resources
   "A COBRE Center for Cardiovascular Research"
   Boyd, Charles D School of Medicine
   The overall goal of this proposal is to develop cardiovascular research at UH.

11. NIH-Nat'l Center for Research Resources
   "Cellular Basis of Immunological and Neurological Diseases"
   Smith, Dean O School of Medicine
   The INBRE program is to foster health-related research and increase the competitiveness of investigators at UH-Manoa, Queens Medical Research Center, Chaminade University, Hawaii Pacific University and UH-Hilo.

12. NIH-Nat'l Center for Research Resources
   "Pacific Research Center for Early Human Development"
   Ward, Kenneth School of Medicine
   Establish a center of research excellence in early human development that will 1) augment and strengthen research capacity, 2) mentor junior investigators as they conduct preliminary research leading to competition for R- and P-series grants, 3) attract investigators to complement the area of early human development, and 4) contribute to reduction of health disparities in early human development in diverse ethnic groups in Hawaii.

13. NIH-Natl Heart, Lung & Blood Institute
   "RFP NHLBI-WH-04-17, Field Centers for the Women's Health Initiative Extension, Contract N01-WH-4-2130"
   Curb, J David Geriatrics-MED
   This proposal is for the extension of the existing WHI Honolulu field center to continue outcomes ascertainment and mammography in the hormone therapy trial participants and to continue analysis and publications by study investigators.

14. NIH-Natl Heart, Lung & Blood Institute
   "Heart Failure Disparities in Native Hawaiians"
   Mau, Marjorie K Department of Native Hawaiian
   A 5-year plan to develop and establish a Partnership Program to address heart failure disparities among Native Hawaiians and Pacific Peoples. The overall goals are to conduct hypothesis driven research and to train and educate investigators and researchers in the field of cardiovascular disease disparities among the aforementioned population.

15. NIH-Natl Inst of Mental Health (NIMH)
   "Brain Activation in Patients with Early HIV Dementia"
   Chang, Linda Medicine- MED
   To determine the effects of aging and HIV infection, and their interaction, on brain chemistry and function, using advanced MRI techniques.
16. NIH-Nat'l Inst of Neurological Disorders & Stroke $1,966,926
"Emotion and Cognition on Gene, Cell, and Systems Levels"
Spiess, Joachim Psychiatry- MED
The proposal is targeted at the modulation of attention, learning and memory, especially by stress, and at the mediating role of anxiety in this modulation. In clinical respect, the targets initially include attentional deficit disorder, as well as anxiety and psychotic disorders. It is our intention to link clinically oriented projects with animal models on a genetic basis. The main experimental animal will be the mouse because of the genetic potential of mouse research. The methodological framework will consist of behavioral neuroscience, neuroimaging, cell biology, molecular neurobiology, neuropharmacology, genetic linkage and transgenic technologies.

FROM: DOD-Dept of Defense

1. DOD-Dept of Air Force $7,000
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui

2. DOD-Dept of Air Force $63,000
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui

3. DOD-Dept of Air Force $50,000
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui

4. DOD-Dept of Army $1,552,249
"Pacific Rim Corrosion Research Program"
Hihara, Lloyd H Mechanical Engineering
Research to address corrosion issues for the U.S. Army in the Pacific Theater of Operations including climactic conditions in the Korean Peninsula, Australia, Hawaiian Islands, Alaska and U.S. Pacific Coast.

5. DOD-Dept of Army $565,000
"Hyperspectral Testbed Phase II Development, Increment 1"
Lucey, Paul Haw Inst Geophys & Planet
Develop Hyperspectral Test and Evaluation System

6. DOD-Dept of Defense $10,000
"CESU Planning Support: Hawaii-Pacific Islands CESU"
Duffy, David Botany
Support for planning and initiation of cooperative studies unit.
FROM: DOE-Dept of Energy
1. DOE-Dept of Energy $22,000
   "Catalytically Enhanced Hydrogen Storage Systems"
   Jensen, Craig M Chemistry
   Development of High Performance Hydrogen Storage Materials.
2. DOE-Dept of Energy $29,374
   "Predictability and Diagnosis of Low Frequency Climate Processes in the Pacific"
   Schneider, Niklas Oceanography - SOEST
   Investigate processes modulating El Nino using output from coupled ocean atmosphere models.

FROM: DOI-Dept of Interior
1. DOI-Dept of Interior $86,212
   "Wind-Powered Reverse Osmosis Desalination for Pacific Islands and Other Remote Coastal Communities"
   Liu, Clark C K Water Resource Research
   To develop a cost-effective renewable-energy driven water desalination system for Pacific Islands and other remote coastal communities where both fresh water and conventional electricity are in short supply.
2. DOI-Fish & Wildlife $336,300
   "Support for Invasive Species Committee Efforts: Phase 4"
   Duffy, David Botany
   Continue support for efforts on Kauai, Maui, Molokai, Hawaii and Oahu to identify, map and control alien invasive species ranging from Miconia to fire ants to coqui frogs.
3. DOI-Fish & Wildlife $47,250
   "Trial Program for Eradication of Potentially Invasive Plant Species on Private Lands on the Island of Maui, Hawaii: Phase 2"
   Duffy, David Botany
   Continue surveys of island of Maui for alien invasive plant species that are just beginning to invade and that can be eradicated.
4. DOI-Fish & Wildlife $100,000
   "Ola'a Kilauea Project"
   Duffy, David Botany
   Continue support of Ola'a Kilauea project, where various landowners have been working together to restore and protect native forest on the Island of Hawaii.
5. DOI-Fish & Wildlife $80,000
   "Oahu Rare Plant Genetic Safety Net: Phase 2"
   Duffy, David Botany
   Continue support for Genetic Safety Net for threatened and endangered native plants on the island of O'ahu.
6. DOI-Fish & Wildlife
"Support for Invasive Species Committee Efforts: Phase 4"

Duffy, David Botany
Continue support for efforts on Kauai, Maui, Molokai, Hawaii and Oahu to identify, map and control alien invasive species ranging from Miconia to fire ants to coqui frogs.

7. DOI-Fish & Wildlife
"Assessment and Mapping of Native Plants and Invertebrates from Makawao Forest Reserve, Maui, Hawaii"

Duffy, David Botany
Surveys of plants and invertebrates of Makawao Preserve on Maui.

8. DOI-Geological Survey
"PCSU Unit Support and General Activities: FY 05"

Duffy, David Botany
Continue support for Pacific Cooperative Studies Unit core office.

9. DOI-Nat'l Park Service
"Marine Inventory, Monitoring & Research, Pacific Islands Coral Reef Program, Phase I"

Duffy, David Botany
Develop monitoring plans for Hawaii's national park coral reef biological resources.

10. DOI-Nat'l Park Service
"Protection of Archeological Sites from Destructive Alien Plants: Phase 8"

Duffy, David Botany
Continue to explore how to protect archeological sites at Kona parks on the Island of Hawaii from alien invasive plant species.

11. DOI-Nat'l Park Service
"Assessing the Threat of Invasive Alien Marine Algae to Pacific Islands National Parks: Phase I"

Smith, Celia M Botany
Alien algae have devastating effects on coral reef ecosystems in Hawaii; other areas are relatively unstudied. This project will collect qualitative and quantitative site- and habitat-specific information focusing on a species inventory of marine algae associated with intertidal and other shallow coastal habitats of NPS units in the Pacific Islands.
FROM: National Science Foundation

1. National Science Foundation $121,587
   "Further Studies of Ocean-Atmosphere Coupled Dynamics in the Tropical Pacific"
   Jin, Fei-Fei Meteorology - SOEST
   To investigate the mechanisms of a near-annual mode, an interannual mode and a decadal mode in the tropical Pacific ocean-atmosphere system.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration $60,000
   "Laboratory Investigations of Minerals and Mineral Mixtures in the Near and Thermal Infrared"
   Hamilton, Victoria Haw Inst Geophys & Planet
   Investigation of spectroscopic properties of minerals and mineral mixtures for application to Mars remote sensing.

2. Nat'l Aeronautics & Space Administration $22,800
   "Spectral Variations in Martian Dark Regions and the Search for the Source Regions of SNC Meteorites Using MGS TES Data"
   Hamilton, Victoria Haw Inst Geophys & Planet
   Use laboratory data to search data from Mars for signatures of Martian meteorites.

3. Nat'l Aeronautics & Space Administration $55,577
   "Investigation of SNC-like Materials with THEMIS"
   Hamilton, Victoria Haw Inst Geophys & Planet
   The proposed work will study data of Mars collected by the THEMIS instrument on the Mars Odyssey spacecraft.

4. Nat'l Aeronautics & Space Administration $87,438
   "Operation, Maintenance and Engineering Development at Mt. Haleakala, Maui, Hawaii"
   Kudritzki, Rolf-Peter Institute for Astronomy
   Operation, maintenance and engineering development of the Laser Ranging Station (LURE) Facility at Haleakala.

5. Nat'l Aeronautics & Space Administration $65,000
   "High Power Instruments for Astrobiology Investigations at Europa"
   Sharma, Shiv K Haw Inst Geophys & Planet
   Raman and fluorescense remote instruments for Mars' moon.
FROM: Hawaii- Government Agencies

1. City and County of Honolulu $400,853
   "A Five-Year Biological and Sediment Monitoring Program on Specific Marine Communities Near the City’s Ocean Sewer Outfalls"
   Moncur, James E T Water Resource Research
   The fundamental objective of the program is to assess the chronic effects of ocean outfall discharges of treated sewage on the marine communities and sediments.

2. County of Hawaii $5,000
   "Effects of Photoselective Shadecloth on Potted Foliage/Ornamental Plants"
   Kawabata, Andrew Tropical Plant & Soil Science
   To test the effects of four photoselective shadecloth on potted ornamentals.

3. County of Hawaii $5,000
   "Increasing Disease Resistance and Consumer Acceptance of Taro"
   Miyasaka, Susan C Tropical Plant & Soil Science
   Taro (Colocasia esculenta) is a promising alternative crop for the Hamakua Coast of Hawaii. It is well-suited for dryland production (i.e. non-flooded culture) in the high rainfall areas of Hawaii Island. We are proposing to evaluate new disease-resistant taro hybrids for yields and quality. In addition, we will seek to increase consumer acceptance of taro by training undergraduate students in the preparation of healthy, low-fat taro dishes.

4. Hawaii-Dept of Defense $830,000
   "Ecosystem Management Program: HIARNG 05"
   Duffy, David Botany
   To assist HIARNG to protect the environment during their operations.

5. Hawaii-Dept of Land & Natural Resources $173,000
   "Kauai Alien Pest Plant Response Effort"
   Duffy, David Botany
   Support the efforts of the Kauai Invasive Species Committee and Koke'e Resource and Conservation Program to address invasive species concerns on the island of Kauai.

6. Hawaii-Dept of Land & Natural Resources $42,000
   "Evaluating Biological Control of Clidemia Hirta with Colletotrichum gloesosporiodes f.sp. clidemiae in State Forest Reserves on the Island of Hawaii"
   Trujillo, Eduardo E Plant & Environmental
   Develops and utilizes technology for improving release methodology and evaluation of effectiveness of a fungal biological control agent of a noxious forest weed species in Hawai‘i.
7. Hawaii-Dept of Transportation
"Commercial Motor Vehicle Restraint Study"
Kim, Karl E Urban & Regional Planning
Observational studies of seat belt use, child restraints, truck bed occupant use, bicycle and motorcycle helmet use, hand held cellular phone use and commercial motor vehicle seat belt use and statistical analysis of data.

8. Hawaii-Dept of Transportation
"State of Hawaii Vehicle Occupant Protection Studies"
Kim, Karl E Urban & Regional Planning
Observational studies of seat belt use, child restraints, truck bed occupant use, bicycle and motorcycle helmet use and hand held cellular phone use; statistical analysis of data.

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

1. HCF-Ingeborg V.F. McKee Fund
"Studies on the Myocardial Ischemia Induced Modifications of Albumin by Using Site-Directed Mutagenesis and Novel Protein Expression System"
Ha, Chung-Eun School of Medicine
Coronary heart disease is the leading cause of death in U.S. Our research will study serum albumin modifications caused by restricted oxygen supply to the heart tissue and how these modifications affect metal binding capacity of albumin. Albumin is known to provide protection against the development of coronary heart diseases through detoxification of harmful chemicals in the

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

3. HCF-Robert C. Perry Fund
"Role of Human Serum Albumin (HSA) in the Protection Against Coronary Heart Disease (CHD)"
Bhagavan, Nadhipuram V Biochem & Biophysics- MED
Death from heart diseases is the number one killer in developed nations. Our research will focus on interactions of substances in the body with albumin and how these are related to heart diseases. Albumin, a major component of the blood, binds and transports many substances including cardiovascular drugs.
4. Tri-Isle Resource Conservation & Development
   "Miconia/Invasive Species Containment Project"
   Duffy, David       Botany
   Continue to assist Maui efforts to contain the invasive alien weed Miconia.

FROM: Hawaii- Health Organizations

1. Kuakini Medical Cntr
   "Pathology Services - Dementia Study Services"
   Hardman, John M    Pathology- MED
   To provide pathology services and analysis of autopsy results as part of the ongoing Honolulu Asia Aging Study. This award is a subcontract from Kuakini Medical Center to the University of Hawaii. Prime funding provided by NIH-NIA (1R01 AG17155-01A1).

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

1. Nat'l Fish and Wildlife Foundation
   "Conservation and Restoration of Native Plant in the Waianae Kai Forest Reserve, Oahu"
   Ticktin, Tamara     Botany
   This project focuses on the conservation and restoration of native plants as part of a partnership between three Hawaiian community groups, the Hawaii Department of Forestry and Wildlife and the Honolulu Board of Water Supply to manage the Waianae Kai Forest Reserve Watershed, Oahu, Hawaii.

2. Universities Space Research Association
   "Formation Mechanisms of the Olympus Mons Aureole Deposits"
   Smith, Jr, John R   HURL - SOEST
   Use new satellite remote sensing data to compare geologic features on Mars with similar features on the submarine slopes of Hawaiian volcanoes mapped with seafloor remote sensing techniques to determine the origin of the Martian features radiating from the Olympus Mons edifice.

FROM: Mainland- Business

1. Benemann Associates
   "Hydrogen Methane Waste Fermentations for Clean Electricity Generation"
   Cooney, Michael J   Haw Nat Energy Inst -SOEST
   Field study of the behavior of buoyant liquid carbon dioxide droplets in the deep ocean environment.

2. Cubic Applications Inc
   "Halifax Maritime Surveillance Planning Meeting"
   Lucey, Paul         Haw Inst Geophys & Planet
   Participate in planning meeting for maritime surveillance test.
FROM: Mainland- Other

1. Jet Propulsion Lab
   "Investigating Midlatitude Ocean and Climate Dynamics Using Satellite Altimetry and Modeling Analysis"
   Qiu, Bo  Oceanography - SOEST
   The goal of this proposed study is to characterize and understand the nature and causes of the large-scale fluctuations in the midlatitude North and South Pacific Oceans on time scales from interannual to decadal. A clarification of these fluctuations will lead to increased predictability of the upper ocean circulation and thermal structures, both of which are crucial to our understanding of the climate variability on longer time scales.

2. New Jersey Inst of Technology (Hitachi
   "MRI: 1.6 Meter Solar Telescope in Big Bear - the NST"
   Kuhn, Jeffrey R  Institute for Astronomy
   The Institute for Astronomy will build a Prime Focus Heat Stop for the 1.6 Meter Solar Telescope to be built at the Big Bear Solar Observatory.

3. Space Telescope Science Institute
   "Unveiling the Progenitors and Physics of Cosmic Explosions (HST-GO-010135)"
   Price, Paul  Institute for Astronomy
   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.

FROM: U.S. Universities and Colleges

1. Mississippi State University
   "Tropical Cyclone Forecast"
   Li, Tim  Meteorology - SOEST
   This project is to utilize a new tropical cyclone initialization scheme in the NOGAPS model for tropical cyclone track and intensity forecast. The new scheme will use the AMSU products.

2. Univ of Arizona
   "ASIC Development Testing for the James Webb Space Telescope"
   Hall, Donald N B  Institute for Astronomy
   To perform characterization tests and verification of the Alpha-Data Board, Bare Multiplexor, NIRCam 2.5um sensor chip array (SCA), NIRCam 5.0um SCA and NIRSpec 5.0um SCA using equipment fabricated during the development phase of this subcontract.
3. Univ of Mississippi $120,991
"Technical Support for CTBT Infrasound Site IS59"
Garces, Milton Haw Inst Geophys & Planet
Maintain IS59 site in Kailua-Kona.

4. Univ of Mississippi $315,201
"Technical Support for Waveform Synergy in the Pacific and Indian Oceans"
Garces, Milton Haw Inst Geophys & Planet
Integrate multiple waveform and image data in the Pacific and Indian Ocean.

FROM: All Non-U.S.

1. Kuraray Co, Ltd $60,000
"Development and Performance Assessment of PVA-Fiber Reinforced Cementitious Composites for Commercial Applications"
Fischer, Gregor Civil and Environmental
Development of mix proportions of PVA fiber reinforced concrete; testing and analysis of material properties; comparison to existing fiber reinforced concrete materials.

NON-RESEARCH AWARDS
FROM: DA-Dept of Agriculture

1. DA-Dept of Agriculture $300,000
"Molokai Native Hawaiian Model Farms Project"
Teves, Glenn I Tropical Plant & Soil Science
Establish five model farms on Hawaiian Homelands in Hoolehua on the Island of Molokai as a strategy to deliver and transfer sustainable and appropriate agricultural technology to native Hawaiian farm families. Will incorporate other USDA programs into model farms as a method expose farm families to programs.

FROM: DHHS-Dept of Health & Human Services

1. DHHS-Advanced Nurse Education Program $418,646
"Primary Health Care of Vulnerable People in Communities"
Niederhauser, Victoria School of Nursing
Advanced Nurse Education to prepare primary health care nurse practitioners to work with rural and underserved populations in Hawaii.

2. DHHS-Dept of Health & Human Services $600,000
"Hawaii Moving Forward"
Yuen, Sylvia H L Center on the Family
Build the knowledge and capacity of faith- and community-based organizations (FCBOs) in Hawaii and develop a sustainable network of support between the FCBOs and governmental, philanthropic, and academic resources.
3. National Institutes of Health $1,562,500
"JABSOM Chair in Native Hawaiian Health"
Cadman, Edwin C Dean's Office- MED
Endowment.

4. National Institutes of Health $157,194
"PhD in Clinical Research"
Harrigan, Rosanne School of Medicine
Design and implement a clinical research training program leading to a PhD. in Clinical Research to prepare multidisciplinary translational research teams to address health disparities in diverse ethnic communities.

5. National Institutes of Health $37,541
"Emerging Infectious Disease and Socioecological Systems: An Interdisciplinary Meeting Integrating Social Science Methods and Ecosystem Approaches…"
Wilcox, Bruce School of Medicine
An interdisciplinary meeting focuses on integrating social science methods and ecosystem approaches to address emerging infectious diseases (HIV/AIDs, Dengue Fever and Leptospirosis) in the Asia-Pacific region, and to harness health benefits of the improved research and policy enabled by this type of integrated

6. NIH-Nat'l Heart, Lung & Blood Institute $63,750
"University of Hawaii Research Scientist Award in Molecular Cardiology"
Cadman, Edwin C Dean's Office- MED
Recruitment of a research scientist in the John A. Burns School of Medicine to develop research and training in cardiovascular

7. PHS-Health Resources and Services Admin $584,842
"University of Hawaii at Manoa Health Careers Opportunity Program"
Ching, Doris M Office of Student Affairs

8. PHS-Health Resources and Services Admin $50,000
"Pacific Association for Clinical Training (PACT): A Comprehensive Plan for the Delivery of Continuing Clinical Education in the Pacific Basin"
Palafox, Neal A School of Medicine
The Pacific Association for Clinical Training (PACT) will be established to provide a mechanism for ongoing clinical education to the healthcare professionals in the US associated Pacific Islands. A representative Advisory Board will be established composed of representatives of all jurisdictions. The Board will devise meaningful needs assessments for each jurisdiction. Curriculum will be developed for CCE to be delivered via Distance
9. PHS-Maternal and Child Health Bureau  
"Hawaii MCH Leadership Neurodevelopmental Disabilities"  
Iwaishi, Louise K  
Center on Disability Studies  
Interdisciplinary training for advanced graduate students in maternal child leadership.

FROM: DOD-Dept of Defense

1. DOD-Dept of Navy  
"Aha Hulikoa Workshop Series"  
Muller, Peter  
Oceanography - SOEST  

2. DOD-Dept of Navy  
"Acquisition of a REMUS Autonomous Underwater Vehicle and a Small ROV for the University of Hawaii"  
Wilkens, Roy H  
Haw Inst Geophys & Planet  
Building an underwater vehicle.

FROM: DOI-Dept of Interior

1. DOI-Fish & Wildlife  
"Imi Pono no ka Aina: A Partnership for Environmental Education, Mod 6"  
Duffy, David  
Botany  
Continue support of an environmental education program on the island of Hawaii.

2. DOI-Fish & Wildlife  
"Volcano Rare Plant Facility Greenhouse"  
Kaneshiro, Kenneth Y  
Pacific Biomed Rsrch Cntr  
Acquire materials and construct greenhouses for Volcano Rare Plant Propagation Facility.

3. DOI-Geological Survey  
"USGS Support of COML Workshop"  
Leong, Jo-Ann  
Haw Inst Marine Bio-SOEST  
Travel support for Census of Marine Life--Coral Reefs Meeting held at HIMB August 15 through 18, 2004.

4. DOI-Geological Survey  
"Biodiversity Research Program"  
Sakamoto, Clyde  
Maui CC  
This cooperative agreement will allow U.S. Geological Survey to co-locate at Maui Community College and involve students, faculty, and staff to participate in biodiversity research and field work.
FROM: DOJ-Dept of Justice

1. DOJ-Dept of Justice $200,000
   "University of Hawaii at Manoa Program Against Violence to Women"
   Quemuel, Christine Office of Student Affairs
   Program to create a coordinate campus-community response to improve services to victims of violence and to prevent violence from occurring on campus.

FROM: ED-Dept of Education

1. ED-Dept of Education $297,220
   "Hui Malama O Ke Kai"
   Hirose-Wong, Shannon School of Medicine
   Program for Native Hawaiian youth and their families in the Waimanalo community designed to prevent violence in and around schools and prevent the illegal use of alcohol and drugs.

FROM: National Science Foundation

1. National Science Foundation $339,000
   "National Science Foundation Graduate Research Fellowship Program"
   Garrod, Peter V Graduate Division
   To provide graduate students the opportunity to further their education by funding their research projects.

2. National Science Foundation $647,771
   "Ship Operations"
   Taylor, Brian Sch Ocean,Earth Sci & Tec
   Supplement to support the periodic deployment and retrieval of the NOAA/NSAS Marin Optical Buoy (MOBY) and associated marine science research.

FROM: Hawaii- Government Agencies

1. County of Hawaii $6,000
   "Development and Demonstratin of Low Cost Advanced Aquaculture Technology"
   Szyper, James P Sea Grant - SOEST
   Development and demonstration of a physical systems for aquaponics vegetable production and tank handling and cooling at the UH Hilo CAFNRM farm. This project is responsible only for the physical system. Later and separate fish keeping will be done by UH Hilo under its approved animal care protocols.

2. Hawaii-Dept of Agriculture $24,633
   "Hawaii Pesticide Applicator Training Work Plan"
   Brennan, Barry M Plant & Environmental
   CTAHR's Pesticide Risk Reduction Education Program will provide training for pesticide applicators statewide, develop new training materials, write a newsletter, and maintain a website describing pesticide related issues and activities.
| **3. Hawaii-Dept of Education** |
| "Waipahu Community Learning Centers (MOA)" |
| Dowrick, Peter W Center on Disability Studies |
| **$40,000** |

| **4. Hawaii-Dept of Education** |
| "DOE - Career Opportunities Program 2004-2005" |
| Okazaki, Sandra T Windward CC |
| Provide vocational education programs for at risk high school students. |
| **$310,415** |

| **5. Hawaii-Dept of Health** |
| "Project EASI" |
| Shapiro, Beppie J Center on Disability Studies |
| Direct, coordinate and assist with projects to integrate several Department of Health databases and conduct research related to deafness, hearing loss and newborn screening. |
| **$311,726** |

| **6. Hawaii-Dept of Human Services** |
| "Nutrition Consultation and Review" |
| Kanehiro, Naomi A College of Tropical Ag & Nutrition consultation and review for licensed child care providers and child care licensing staff |
| **$100,000** |

| **7. Myron B. Thompson Academy** |
| "Thompson Academy Education Program - HIMB" |
| Leong, Jo-Ann Haw Inst Marine Bio-SOEST |
| Develop marine science education program for Thompson Academy at HIMB. |
| **$45,000** |

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

| **1. Coalition for a Drug Free Hawaii** |
| "SHF Substance Abuse Prevention Program" |
| Kameoka, Velma A Psychology |
| To evaluate the effectiveness of the Strengthening Hawaii Families Program with Asian, Pacific-Island, and multi-cultural families living in rural Oahu. |
| **$6,000** |

| **2. Hawaii-State Foundation on Culture & the Arts** |
| "SCEP-Presenting & Touring Outreach" |
| Slaughter, Timothy R Outreach College |
| Developing and presenting artistic and cultural programs for community groups throughout the state. |
| **$42,500** |

| **3. HCF-Tobacco Prevention & Control Trust Fund** |
| "Pediatricians Effectively Decreasing Smoking and Tobacco Initiative (PEDS Tobacco Initiative)" |
| Lee, Meta Pediatrics- MED |
| The purpose of this project is to design, implement, and evaluate a comprehensive tobacco cessation program for the outpatient pediatric clinics in the University of Hawaii Integrated Pediatric Residency Program. Residents and clinic staff will be trained to be effective tobacco cessation providers, resulting in increased patients who quit smoking. |
| **$59,343** |
FROM: Hawaii- Business and Other

1. East West Center $807,446
   "Student Employment Agreement"
   Shinno, Chassidy  Student Employment
   Student employment payroll for EWC to be managed by SECE.

2. Hawaii Council for the Humanities $5,000
   "Hawai'i Digital Library Project: The Myths and Legends of Hawai'i"
   Richardson, Brian  Windward CC
   Organize a series of educational activities around a common book that all faculty, staff and students have been encouraged to read.

3. Hawaiian Electric Co Inc $98,686
   "Integrated Resource Planning Macro Impact Study"
   Konan, Denise E  Social Science Rsrch Inst
   This study will determine the impact on the state economy of various long-term resource plans such as the use of oil-fired generating units and only renewable energy generating units. The assessment will measure the macroeconomic effect of such plans including the impact of both direct and indirect purchases. The project will develop a general equilibrium open economy model of the state economy to conduct the analysis.

4. Pacific Architects $17,699
   "Historic Study for Kula Hospital"
   Leineweber, Spencer  School of Architecture
   Detailed research concerning the historic Kula Hospital, writing of National Register form, and compliance with memorandum of agreement.

FROM: Hawaii- Health Organizations

1. Queen's Medical Center $482,357
   "Salary Fringe Benefit Reimbursement Agreement FY 2005"
   Schatz, Irwin J  School of Medicine
   Salary and fringe reimbursement agreement to provide physician and physician-related services for FY 2005

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

1. Arts Midwest $12,000
   "A MidSummer Night's Dream with the Artists Repertory Theatre"
   Slaughter, Timothy R  Outreach College
   Support for a production of "A MidSummer Night's Dream" as part of the National Endowment for the Arts Shakespeare in American Communities project.
2. Special Olympics  
"Special Olympics Healthy Athletes Student Grant"  
Johnson, Jean  
Center on Disability Studies  
Community Service grant that will be utilizing a doctoral student in the COE Exceptionalities program.

FROM: All Non-U.S.

1. CNMI Governor's Council on DD (Northern)  
"CNMI Family Service Centers"  
Stodden, Robert A  
Center on Disability Studies  
Design four Family Service Centers by developing coalition of family organizations and service agencies. Develop parameters for services & support of centers. Provide needs assessment for capacity & capability of an information technology system. Review existing state & local policies & resources for families. Identify training needs for staff members & service providers.

2. Pohnpei Department of Education  
"Pohnpei State Program Development"  
Stodden, Robert A  
Center on Disability Studies  
Support the delivery of special education to secondary education students with disabilities. Conduct one-week workshop in Pohnpei. Provide follow-up technical assistance over two months to Pohnpei State Transition Team via onsite visit and video

3. Society for Testing English Proficiency  
"Eiken for College Admission - Research Design"  
Richards, Leon  
Kapiolani CC  
Eiken for College Admission.
Funds Received from UH Foundation

NON-RESEARCH AWARDS
FROM: Hawaii- Associations, Foundations, Societies, etc.

1. Univ of Hawaii Foundation $3,500
   "Solar Energy Program Fund"
   Meder, Stephen          School of Architecture
   Continue development of an applied research Solar Energy
SUMMARY

EXTRAMURAL RESEARCH AWARDS, SEPTEMBER 16-30, 2004

DISTRIBUTION BY SPONSORS

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### SUMMARY

**EXTRAMURAL NON-RESEARCH AWARDS, SEPTEMBER 16-30, 2004**

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### YEAR-TO-DATE SUMMARY

EXTRAMURAL RESEARCH AWARDS, JULY/SEPTEMBER, 2004

**DISTRIBUTION BY SPONSORS**

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<th>NO. OF AWARDS</th>
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<th>PERCENT</th>
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223 $50,313,081 100.00
Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOI-Dept of Agriculture

1. DOI-Dept of Agriculture $3,439
   “Support of Agriculture Research FY 04”
   Keith Miser UHH-Agriculture

2. DOI-Dept of Agriculture $57,401
   “Develop GMO Resistant to Viruses”
   Michael Shintaku UHH-Plant Pathology

3. DOI-Dept of Agriculture $23,000
   “Support of Agriculture Research FY 05”
   Keith Miser UHH-Agriculture

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior $45,000
   “UHH-Hawaiian Vegetation Mapping Project”
   Sharon Ziegler-Chong UHH-Aquaculture

2. DOI-Dept of Interior $1,439,285
   “UHH-Palila Restoration Research”
   Sharon Ziegler-Chong UHH-Aquaculture

3. DOI-Dept of Interior $23,823
   “UHH-Integrated Pest Management Palmyra”
   Sharon Ziegler-Chong UHH-Aquaculture

4. DOI-Dept of Interior $37,000
   “UHH-Biological Control Studies”
   Sharon Ziegler-Chong UHH-Aquaculture

5. DOI-Dept of Interior $110,000
   “UHH-Suppression Alien Yellow Jackets”
   Sharon Ziegler-Chong UHH-Aquaculture

FROM: Hawaii Government Agencies

1. County of Hawaii $5,000
   “Develop Ovitraps Mosquito Control”
   Michael Shintaku UHH-Agriculture
NON-RESEARCH AWARDS

FROM: ED-Dept of Education

1. ED-Dept of Education $326,619
   "Native Hawaiian Serving Institution FY 05"
   Bill Chen UHH-Distance Education and Instructional Technology

2. ED-Dept of Education $397,788
   "English Language Acquisition Professional Development FY 05"
   Keiki Kawaiaea UHH-Hawaiian Studies

3. ED-Dept of Education $775,021
   "Education of Native Hawaiians: Language Literacy FY 05"
   Keiki Kawaiaea UHH-Hawaiian Studies

4. ED-Dept of Education $724,158
   "Education of Native Hawaiians: Pathways FY 05"
   David Sing UHH-Director’s Office

FROM: DHHS-Dept of Health and Human Services

1. DHHS-Dept of Health and Human Services (CDC) $128,800
   "Education Programs in Occupational Safety/Health FY 05"
   Stephen Worche UHH-Social Science

FROM: US Colleges and Universities

1. Oregon State University $50,000
   "Human Health Impacts: Aquaculture"
   Maria Haws UHH-Aquaculture

FROM: Hawaii Government Agencies

1. Department of Health $20,000
   "Family Planning Services FY 05"
   Carolyn Lesnett UHH-Health
UNIVERSITY OF HAWAII AT HILO SUMMARY
EXTRAMURAL RESEARCH AWARDS, SEPTEMBER 2004 - SEPTEMBER 2004
DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, SEPTEMBER 2004 - SEPTEMBER 2004

DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL RESEARCH AWARDS, JULY 2004 - SEPTEMBER 2004

DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, JULY 2004 - SEPTEMBER 2004

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