BOARD OF REGENTS' MEETING

Date: July 26-27, 2007  
Board business not completed on the first day will be taken up on the second day at a time announced at the conclusion of the first day's meeting.

Time: 9:00 a.m.

Place: Leeward Community College  
Campus Center Student Lounge  
96-045 Ala Ike Street  
Pearl City, Hawai’i 96782

AGENDA

I. Call Meeting to Order

II. Approval of Minutes of the Meeting of May 16, 2007

III. Public Comment Period:  
Individuals may orally testify on items on this agenda either during the Public Comment Period or when the agenda item is taken up by the Board. If you wish to testify orally, please call the Board Office prior to the meeting or notify the Secretary of the Board at the meeting site. The order of testimony will generally reflect the order of notification. Each speaker will be allowed three minutes to present testimony. Written testimony is also accepted.

IV. Report of the President

V. University of Hawai’i Foundation, Report by its President

VI. Items for Board Action:

University of Hawai’i at Mānoa

1. Establishment of the Jean E. Rolles Distinguished Professorship, Shidler College of Business
2. Establishment of First Insurance Co. Distinguished Professorship, Shidler College of Business
3. Establishment of John and Sue Dean Distinguished Professorship, Shidler College of Business
4. Establishment of the Ph.D. Degree in Nutrition
5. Establishment of the UH Mānoa Singapore Limited Program, School of Travel Industry Management
6. Approval of Naming Opportunities for Third Floor Health Physical Education & Recreation Building Addition
7. Amendment of BOR Policy on Guidelines for Employment of Coaches in Major Intercollegiate Sports
8. Acceptance of Gift and Naming Approval of the Gladys Kamakakūokalani ‘Ainoa Brandt Endowed Chair
9. Salary Schedule for Athletics Coaches
Board of Regents' Meeting – July 26-27, 2007 (cont)

University of Hawai‘i at Hilo

10. Approval of a Lease Agreement with USDA Forest Service for the College of Pharmacy
11. Approval of John Cross and Lisa Hadway to the Mauna Kea Management Board
12. Acceptance of Gifts and Approval of Donor Recognition at the 'Imiloa Astronomy Center
13. Approval of the Bachelor of Science degree in Marine Science

University of Hawai‘i – West O‘ahu

14. Approval of Service Ordering to RCUH for Development of UH West O‘ahu Kapolei Campus

University of Hawai‘i Community Colleges

15. Approval of the Certificate of Achievement in Accounting - Hawai‘i Community College
16. Approval of a Contract with Galvin Flying Services for the Commercial Aviation Program - Honolulu Community College
17. Revision and Renaming of Carpentry to the Sustainable Construction Technologies Program - Maui Community College
18. Discontinuance of the Drafting, Building Maintenance, Welding & Provisional Sustainable Technology Programs and Consolidation into the Sustainable Construction Technologies Program - Maui Community College
20. Authorization to Amend the Lease with Maui Expo Inc. - Maui Community College

University of Hawai‘i System

21. Approval of Indemnity Provision in the Research Agreement from the Joint Genome Institute
22. Approval of KCM Investment Advisors and Oak Ridge Investments as Investment Managers; Appointment of a Task Group to Review Investment Policies
23. Approval of Memorandum of Understanding with Research Corporation of UH
24. Approval of CIP and R&M Project Contracts
25. Quarterly Financial Status Report (information only)

VII. Acceptance and Approval of Gifts, Grants and Contracts [Attachments A-1a, A-1b; A-2; A-3].

VIII. Approval of 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, [Attachment B]

IX. Announcement of Next Meeting of the Board

Date: August 24, 2007
Place: Windward Community College
X. Executive Session (closed to the public)

Legal Matters: (To consult with attorneys on powers, immunities, and liabilities in executive session pursuant to HRS § 92-5(a)(4))

a. Indemnity Provision in the Research Agreement from the Joint Genome Institute
b. Service Order to RCUH for Development of the UH West O'ahu Kapolei Campus

Personnel Actions Related to the Following Positions: (Personnel actions noticed above will be discussed in executive session pursuant to HRS § 92-5(a)(2))

c. Approval of Emeritus Professor Title, Maui Community College
d. Promotion of Faculty, UH West O'ahu
e. Appointment of Vice President for Research
f. Appointment of Chancellor, Kapi'olani Community College
g. Salary Schedule for Athletics Coaches
h. Executive Compensation
i. Update on Executive Searches
j. Evaluation of Personnel Reporting Directly to the Board

XI. Election of Officers

XII. Adjournment
PURSUANT TO BOARD OF REGENTS' POLICY, CHAPTER 8-1C

SUBMISSION OF CONSULTANT CONTRACTS
FOR BOARD APPROVAL

Description:  Agreement for services with Isaacson, Miller to assist the University of Hawai‘i at Mānoa in the search for the Vice Chancellor for Academic Affairs.

Contractor:  Isaacson, Miller

Amount:  $120,000 for professional fees and estimated administrative expenses.

Term:  Effective upon Board approval to the completion of the search.

Campus:  University of Hawai‘i at Mānoa

Fund Source:  Special Funds

RECOMMENDATION:  That the Board approve the contract for services as recommended.
PURSUANT TO BOARD OF REGENTS' POLICY, CHAPTER 8-1E
SUBMISSION OF CONTRACTS FOR GOODS OR SERVICES
EXCEEDING $500,000 FOR BOARD APPROVAL

Description: Contract for in-house full-service travel agency services for the University of Hawai'i at Mānoa Athletics Department

Contractor: Panda Travel, Inc.

Amount: $1,500,000 for Airfare
         200,000 for Hotel costs
         $1,700,000 Total per year

Term: Three years with the option to renew for two (2) additional one (1) year terms. August 1, 2007 through July 31, 2010

Campus: University of Hawai'i at Mānoa

Fund Source: Revolving Funds

Recommendation: That the Board approve the contract for services as recommended.
Gifts, Grants, and Contracts

The following gifts, grants, and contracts received during the period April 1, 2007 through April 30, 2007 total $23,412,731. The University of Hawai‘i at Hilo received a total of $1,568,087 during the same period.

Gifts, Grants, and Contracts Received April 1-30, 2007

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Dept of Agriculture
   "2007 -- Funding for Research of Mutual Interest - Amendment #1"
   Grace, J Kenneth Plant & Environmental
   Mutual interest by both parties to carry out research activities through Kauai field research and by student laboratory assistants in Manoa. (Additional funding to cover costs for lab assistants and
   $9,100

2. DA-Dept of Agriculture
   "Protecting Papaya from Pests and Diseases"
   Vincent, Douglas L Coll, Trop Ag & Human Res
   R9
   $216,713

3. DA-Dept of Agriculture
   "Hawaii Pineapple Improvement"
   Vincent, Douglas L Coll, Trop Ag & Human Res
   R-9
   $117,866

FROM: DHHS-Dept of Health & Human Services
1. NIH-Natl Cancer Institute (NCI)  
"Regulation of Cx43 by Src and Novel Interacting Proteins"  
Lau, Alan F  
Cancer Research Center  
The 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.  
$274,628

2. NIH-Natl Cancer Institute (NCI)  
"Evaluating Errors in Reported Use of Dietary Supplements"  
Murphy, Suzanne P  
Cancer Research Center  
The objective of this study is to evaluate the two most common methods of collecting dietary supplement use data to improve understanding of the variability and biases in self-reported supplement use.  
$210,333

3. NIH-Natl Heart, Lung & Blood Institute  
"Clinical Center for the Clinical Trial and Observational Study of the Women's Health Initiative - East/West"  
Curb, J David  
School of Medicine  
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.  
$129,606

4. NIH-Natl Inst of Allergy & Infectious Diseases  
"Development of Universal Genetic Systems for Bacteria"  
Hoang, Tung  
Microbiology  
We will develop genetic tools that is universal for bacterial chromosomal manipulation. One is a universal genetic delivery system and the second is excision of chromosomal located genes.  
$66,174

5. NIH-Natl Inst of General Medical Sciences  
"Catalytic Mechanism of Biotin Synthase"  
Jarrett, Joseph Timothy  
Chemistry  
The chemical mechanism of the enzyme that makes the vitamin biotin will be determined.  
$249,780
6. NIH-Natl Inst of Neurological Disorders & Stroke $246,316
"HIV-1 Proviral DNA and Monocyte Phenotype in Relation to Neurocognitive Function"
Shiramizu, Bruce Medicine- MED
The proposal is a continuation of the plan to study the virus that causes acquired immunodeficiency syndrome (AIDS) in its role in also causing dementia in people infected with the human immunodeficiency virus, type 1.

7. NIH-Natl Inst of Neurological Disorders & Stroke $11,896
"HIV Proviral DNA and Monocyte Phenotype in Relation to Neurocognitive Function (NS053345) Supplement"
Shiramizu, Bruce Medicine- MED
The proposed supplement plans relates to the parent grant maintaining the focus identifying HIV DNA in monocytes/macrophages related to neurocognitive dysfunction. The supplement will support a graduate student identified by the Program Announcement (PA-05-015) as being underrepresented in health science research.

8. NIH-Natl Inst of Nursing Research $17,009
"Intimate Partner Violence: Community Health Centers Take Action"
Magnussen, Lois A Nursing

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric $219,439
Schroeder, Thomas A JIMAR - SOEST
A data set will be assembled that will include the atmospheric measurements currently being conducted at Mauna Loa Observatory and the mercury measurements.

FROM: DOD-Dept of Defense

1. DOD-Dept of Air Force $1,139
"Operations and Management of the Maui Supercomputing Center"
Lassner, David K Info Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.
2. DOD-Dept of Air Force
   "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.
   $506

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 Supercomputing Center.
   $346,624

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 Supercomputing Center.
   $11,390

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 Supercomputing Center.
   $8,355

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 Supercomputing Center.
   $1,139

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.
   $5,060
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16. DOD-Dept of Air Force
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17. DOD-Dept of Air Force
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18. 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.

19. 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.

20. 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.
21. DOD-Dept of Army
"Pacific Rim Environmental Degradation of Materials Research Program"
Hihara, Lloyd H, Mechanical Engineering
Outdoor and laboratory corrosion studies throughout the Hawaiian Islands and the Pacific Rim on advanced materials for development and verification of corrosion models using computers, development of corrosion sensors for corrosion detection, and corrosion control strategy development.

22. 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.

23. DOD-Dept of Army
"Equations of State of WC, TiB2 and Related Advanced Ceramics: Phase 3"
Manghnani, Murli H, Haw Inst Geophys & Planet
Hydrostatic compression using X-ray, ultrasonics and Raman scattering data.

FROM: DOI-Dept of Interior

1. DOI-Geological Survey
"National Assessment of Shoreline Change: Historical Shoreline Change and Associated Coastal Land Loss Along Sandy Shorelines of Oahu, Maui and Kauai"
Fletcher, Charles H, Geology & Geophys - SOEST
Produce a draft of the Maui chapter of the report on historical shoreline changes in the Hawaiian Islands as well as continue work on statistical tool development for application to the USGS DSAS Software used in the national assessment project.

2. DOI-Natl' Park Service
"GIS Research on State Forest Land"
Duffy, David, Botany
Continue work with DLNR to do GIS mapping of forest fire response and development of state forestry plan.
FROM: National Science Foundation

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

2. National Science Foundation
   "Experiments and Observations Based on the Finding that Scleractinians Secrete Calcite Instead of Aragonite in Cretaceous Seawater"
   Stanley, Steven M.
   Geology & Geophys - SOEST
   This grant is for support of laboratory experiments and observational studies designed to assess changes in the mineralogy of skeletal material in modern corals and calcareous algae that are induced by growth in waters of various magnesium/calcium ratios -- ratios representative of seawater composition during the past 100 million years.

3. National Science Foundation
   "Deciphering Climate Archives: Establishing the Inorganic Basis of an Isotope Fractionation Phenomenon in Biogenic CaCO3"
   Zeebe, Richard
   Oceanography - SOEST
   Determining the origin of a phenomenon observed in biologically produced calcium carbonate through laboratory experiments and theoretical modeling. Because biological carbonates are used for paleoclimate reconstructions, this will significantly improve understanding of Earth's climate in the past.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration
   "ANITA: Antarctic Impulsive Transient Antenna"
   Gorham, Peter W
   Physics & Astronomy
   To fly long duration balloon mission to address the question of the nature & origin of the highest energy cosmic rays and the ultimate limits of energy in the universe.
2. Nat'l Aeronautics & Space Administration  
"Large Scale and Fine Scale Density Structures of the Quiescent and Dynamic Solar Corona"  
Habbal, Shadia  
Institute for Astronomy  
We propose to apply a new image processing technique to a wide range of images of the corona during solar maximum. The goal is to achieve a better understanding of the magnetic features defining the corona, in particular their quiescent and dynamic behavior, and their subsequent impact of the solar wind.

3. Nat'l Aeronautics & Space Administration  
"Thousand Asteroid Light Curve Survey"  
Jedicke, Robert  
Institute for Astronomy  
Project will measure light curves and thereby obtain rotation periods, for ~1,000 asteroids in a well-controlled survey program designed to correct for observational selection efforts.

4. Nat'l Aeronautics & Space Administration  
"Extraterrestrial Materials: Origin and Evolution of the Solar System"  
Keil, Klaus  
Haw Inst Geophys & Planet  
We study meteorites and lunar samples to understand how the solar system formed and evolved.

5. Nat'l Aeronautics & Space Administration  
"The Evolution of the Regulation of Cell-Cell Adhesion in a Basal Metazoan"  
Martindale, Mark Q  
Pacific Biosciences Research  
Studying the early development and gastrulation of ctenophore embryos will provide insight into the evolution and molecular regulation of cell adhesion at the base of the Metazoa.

6. Nat'l Aeronautics & Space Administration  
"The Star Formation Newsletter"  
Reipurth, Bo  
Institute for Astronomy  
This proposal request partial support to continue the Star Formation Newsletter. This electronic newsletter covers recent research in the field of star formation.

7. Nat'l Aeronautics & Space Administration  
"Sharing Discoveries in Cosmochemistry on the Internet"  
Taylor, G Jeffrey  
Haw Inst Geophys & Planet  
Produce online science magazine describing recent results in cosmochemistry.
FROM: Hawaii- Government Agencies

1. Hawaii-Civil Defense Division
   $54,140
   "Tsunami Forecast and Inundation Map for Hawaii"
   Cheung, Kwok F
   Ocean & Resources
   Develop tsunami forecast capability and inundation map for Hawaii.

2. Hawaii-Dept of Health
   $108,675
   Harrison, John T
   Water Resource Research
   To comprehensively review the State EIS system (HRS Chapter 343), including guidance documents for implementing Chapter 343; evaluate statutory and regulatory amendments since our prior review in 1991, and develop recommendations for improved efficacy of the EIS process.

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

1. Malama Kai Foundation
   $7,359
   "Support for the Recreational Impacts of Reefs Local Action Strategy (RIRLAS) Coordinator"
   Duffy, David
   Botany
   Supplement the Reefs Local Action Strategy project in the final stages of the development of the strategy. The project is primarily funded by DLNR.

FROM: Hawaii- Business and Other

1. NovaSol
   $16,000
   "Ground Based Data Collection - Novasol"
   Lucey, Paul
   Haw Inst Geophys & Planet
   Collect and process ground based AHI sensor data.

2. NovaSol
   $5,000
   "Ground Based Data Collection - Novasol"
   Lucey, Paul
   Haw Inst Geophys & Planet
   Collect and process balcony based AHI sensor data and deliver processed data to Novasol.

3. Yamanaka Enterprises, Inc
   $72,450
   "Pohue Coastal Restoration"
   Duffy, David
   Botany
   Continue funding for protection of nesting Hawksbill turtles and Hawaiian monk seals at Pohue Coast. Current funding for this PCSU project is through DLNR (PO C26267).
FROM: Mainland- Business

1. APEX Fitness & Nutrition Analysis Systems $126,684
   "Supplement to Initial Proposal: Assessment of the Effectiveness of the Online BodybuggTM Calorie Monitoring System for Long-term Weight Control"
   Titchenal, C Alan Human Nutrition, Food & This supplemental proposal requests funds for the costs to provide compensation to research participants in the "Physical Activity and Weight Study" component of this research project.

2. CENTRA Technology Incorporated $251,547
   "Pacific Disaster Center All-Hazards Risk Assessment Support"
   Gaines, James R VP for Research The Pacific Disaster Center will support research on all-hazards risk assessment approaches.

FROM: Mainland- Health Organizations

1. Southwest Oncology Group
   "Southwest Oncology Group Purchase Service Agreement" $14,250
   Berenberg, Jeffrey Cancer Research Center Southwest Oncology Group (SWOG) will reimburse our Community Clinical Oncology Program (CCOP) institution for our specimen submissions for patients enrolled in SWOG oncology treatment clinical trials by the Cancer Research Center of Hawaii's Clinical Research Associates (CRAs).

FROM: Mainland- Other

1. Ernest Orlando Lawrence - Berkeley National Lab $182,001
   "Subcontract with UC Lawrence Berkeley National Laboratory for Use of the UH 2.2-m Telescope on Mauna Kea"
   Aspin, Colin Institute for Astronomy UH shall furnish the necessary facilities, supplies, equipment and personnel to conduct certain research activities using the UH 2.2 meter Telescope on Mauna Kea.

2. Jet Propulsion Lab $200,000
   "S-COSMOS: The MIPS Deep Survey of the COSMOS 2-sqdeg Field"
   Sanders, David B Institute for Astronomy A deep imaging survey with the Spitzer MIPS detectors to observe the full HST-COSMOS 2-sqdeg field.
3. Space Telescope Science Institute

"Rotational State and Composition of Pluto's Outer Satellites (HST-GO-10786.02)"

Tholen, David J Institute for Astronomy

This project will obtain new images of the newly discovered satellites of Pluto for purposes of orbit improvement, determining their rotational states, and extending to infrared wavelengths colorimetric information that can be used to constrain their surface compositions.

FROM: U.S. Universities and Colleges

1. Indiana University

"Development of Isoform Specific Sensory Neuronal Sodium Channel Blockers"

Bingham, Jon-Paul Molecular Biosciences & Solid-Phase Peptide Synthesis of a spider toxin; work involves a total "alanine-walk" for structure activity determinants; quantification of peptide toxins for pharmacological analysis.

2. Johns Hopkins University

"Sustaining and Scaling up a Successful Food Store Based Program to Improve Diet & Reduce Risk for Obesity & Other Chronic Disease in American Indians"

Sharma, Sangita Cancer Research Center

Develop and analyze a Food Frequency Questionnaire to assess food and nutrient intake for the Navajo and Apache Tribes in

3. Univ of Arizona

"ASIC Development Testing for James Webb Space Telescope"

Hall, Donald N B Institute for Astronomy

To continue the performance of application specific integrated circuit development testing for space telescopes.

4. Univ of New Mexico

"Advanced Concepts in Space Situational Awareness"

Jefferies, Stuart Institute for Astronomy

Investigating methods for the processing of large data sets of simultaneous, multi-wavelength, imagery. These data have application for imaging of geo-synchronous satellites and for flash hyper-spectral imaging, both of which have important space situational awareness applications.
5. Univ of Pennsylvania  
"Inhalational Anesthetic Binding Studies"  
Bhagavan, Nadhipuram V  Anatomy, Biochemistry &  
The goal of this research project is to produce recombinant ferritin heavy and light chain as surrogate protein binding molecules for the binding study of inhalational anesthetic agents.

6. Univ of Wisconsin- Madison  
"Ralstonia Solanacearum Race 3 biovar 2: Detection, Exclusion, and Analysis of a Select Agent Pathogen"  
Alvarez, Anne M  Plant & Environmental Development of detection reagents and device for plant pathogens.

7. Washington State University  
"Neurology AIDS Research Consortium Leadership Funds for Victor Valcour"  
Valcour, Victor G  Dean's Office- MED  
These funds allow Dr. Valcour to continue to develop neuroAIDS infrastructure at UH and to complete analysis for ACTG 5157 study of neuropathy in HIV patients. All patients are now off-study, and data analysis continues.

FROM: Miscellaneous

1. Miscellaneous - Assign new code  
"Pacific Disaster Center Support to Develop and Disseminate Hazard Assessment Products using Open Source Mapping Technologies"  
Gaines, James R  VP for Research  
Based on availability of data and in collaboration with Vietnam's Central Committee for Flood and Storm Control, develop flood hazard assessment products and initial strategies and prototype solutions for enhancing capabilities for monitoring of, and providing warning for, flood hazards within the study area.

NON-RESEARCH AWARDS

FROM: DHHS-Dept of Health & Human Services

1. NIH-Nat'l Cancer Institute (NCI)  
"Cancer Control Research Training in Multiethnic Hawaii"  
Maskarinec, Gertraud  Cancer Research Center  
Grant will support postdoctoral training in cancer control research led by faculty at the Cancer Research Center of Hawaii and collaborators elsewhere at the University and health care
2. NIH-Natl Inst of Drug Abuse
   "Neuroimaging and Mentoring in Drug Abuse Research"
   Chang, Linda          Medicine- MED
   Support of 50% salary for PI to ensure protected time to conduct
   ongoing research and continue to mentor junior clinician scientists in
   research on HIV and methamphetamine abuse.

FROM: DOC-Dept of Commerce

1. DOC-Minority Business Development Agency
   "Honolulu Minority Business Enterprise Center FY 2007"
   Rota, Michael T       Office, VP Community Coll.
   The Minority Business Development Agency Award supports the
   Honolulu Minority Business Enterprise Center that will provide
   economic development and technical assistance work to minority
   business enterprises located in Hawaii.

FROM: DOD-Dept of Defense

1. DOD-Dept of Air Force
   "The Panoramic Survey Telescope and Rapid Response System (Pan-STARRS)"
   Kaiser, Nick           Institute for Astronomy
   Design and construction of the Panoramic Survey Telescope and
   rapid Response System (Pan-STARRS).

2. DOD-Dept of Air Force
   "The Panoramic Survey Telescope and Rapid Response System (Pan-STARRS)"
   Kaiser, Nick           Institute for Astronomy
   Design and construction of the Panoramic Survey Telescope and
   Rapid Response System (Pan-STARRS).

FROM: ED-Dept of Education

1. ED-Dept of Education
   "Center for Southeast Asian Studies National Resource Center - FLAS"
   Andaya, Barbara W      South Asian Stud- SHAPS
   Support for programs in Southeast Asian Studies campus wide
   including foreign language fellowships
2. ED-Dept of Education
"Preparing Distance Education Leaders in Evidence-Based Practices to Serve Multicultural Populations"
Cook, Bryan Special Education
This project will train 6 Ph.D. in Education, Exceptionalities Specialization scholars with a focus on evidence-based practices, distance education, and multiculturalism. Trainees will receive financial support for four years.

3. ED-Dept of Education
"Advanced Study of Khmer (ASK)"
Sak-Humphry, Chhany Haw'n & Indo-Pac Language
Advanced Study of Khmer Summer Abroad Program; a six-week intensive language training program in Phnom Penh, Cambodia to provide students with a linguistic foundation for research, conversation, and cultural interaction.

4. ED-Fulbright-Hays
"Advanced Filipino Abroad Program (AFAP)"
Ramos, Teresita V Haw'n & Indo-Pac Language
Advanced Filipino Language program held at De LaSalle University in Manila for American Students with minimum of Intermediate Filipion language fluency.

FROM: National Science Foundation

1. National Science Foundation
"IMUA 2: NSF Hawaii EPSCoR"
Gaines, James R VP for Research
Proposal is designed to increase research competitiveness across Hawaii by improving research infrastructure at the University of Hawaii and enabling partnerships across the state and with researchers from outside Hawaii who share common interests in evolutionary genetics, environmental sciences, and cyberinfrastructure themes of the proposal.

FROM: Hawaii- Government Agencies

1. Hawaii-Dept of Business & Economic
"2007 ASEE Workshop K-12 Engineering Education"
Crouch, Peter College of Engineering
2. Hawaii-Dept of Education  
"School Based Behavioral Health Services and Training"
Chorpita, Bruce F Psychology  
To provide assessment and behavioral health services to Hawaii DOE in the context of graduate training in the Department of Psychology.

3. Hawaii-Dept of Education  
"Teacher Training through Hands-On and Excursion-Based Activities in Aerospace Science: A Mathematics and Science Partnership between the Windward..."
Ciotti, Joseph E College of Natural Sciences  
Provide series of in-service teacher training workshops in aerospace science for Windward District K-12 teachers. Workshops include: two preparatory half-day, a 7-day full-day and one follow-up day session. On-campus resources includes WCC’s Imaginarium, NASA Flight Training Aerospace Education Laboratory, Aerospace Exploration Lab and Lanihuli Observatory.

4. Hawaii-Dept of Education  
"Provide Kauai Teachers a Masters of Education & Dual Certification Program"
Pateman, Neil College of Education  
To offer a Secondary Master of Education in Curriculum Studies to teachers wishing to specialize in science or mathematics education.

5. Hawaii-Dept of Health  
"Public Mental Health Nursing Project"
Marshall, Stephanie Nursing  
Nursing Department faculty will participate in consulting and training in evidence-based practices, developing specialized undergraduate and graduate curricula in severe mental illness (including use of student stipends), and promoting, via the Nursing Educational Program, the continuing education of AMHD staff interested in further study at the University of Hawaii.

6. Hawaii-Dept of Health  
"Independent Cleanup Pathway (ICP) for Contaminated Property in Hawaii"
Sproat, Dana K School of Law  
Develop statewide policy relating to the cleanup of contaminated property pursuant to the Hawaii Environmental Response Law (Chapter 128 D, HRS).
7. Hawaii-Dept of Human Services
"Nutrition Consultation and Review"
Kanehiro, Naomi A Coop Extension Svc- CTAHR
The goal of this project is to promote and support quality nutrition services provided by licensed child care providers and thereby contribute to the health and safety of the children enrolled.

8. Hawaii-Dept of Land & Natural Resources
"Miconia Control in the Koolau Range"
Duffy, David Botany
Expand the Oahu Invasive Species Committee’s miconia surveying and treatment in the Koolau Mountains, focusing on immature miconia plants.

9. Hawaii-Dept of Land & Natural Resources
"The Coastal Society of Hawaii (TCSH) Research Assistantship"
Szuuster, Brian Geography
Coordinate logistics for The Coastal Society of Hawaii including BEACH (Beach Erosion and Conservation Hui) to promote the conservation and restoration of the State’s beaches. Disseminate information related to beach conservation and restoration. Conduct relevant research related to beach conservation and restoration.

FROM: Hawaii- Business and Other

1. Akaku Maui Community Television
"MCC - TV Educational Access Television"
Sakamoto, Clyde Maui CC
Manage, coordinate, and operate MCC - TV Educational Access Television. This channel is one of the designated providers of educational television programming in Maui County.

2. Alu Like
"Native Hawaiian Career and Technical Education Project VE 06-05-08"
Howard, Bernadette Windward CC
Provide internship work experiences as training to Native Hawaiian graduates of the Employment Training Center vocational programs.

3. Makai Ocean Engineering, Inc
"Ocean Engineering Internship - Makai Ocean Engr."
Cheung, Kwok F Ocean & Resources
Internship program for graduate students in Ocean and Resources Engineering.
4. Olelo Community Television  
"An Educational Access Plan for the Year 2006"  
Okimoto, Hae K  
Info Technology Services  
Produce courses and programs for the public access channel, Oceanic 55.  

5. Olelo Community Television  
"Providing Facilities and Training for Public Access Training"  
Pecsok, Michael H  
Leeward CC  
Provide use of facilities including studio, editing, and equipment checkout. Also provide training to public access clients.  

FROM: Hawaii- Health Organizations

1. Queen's Medical Center  
"IKE AO PONO/NHHI PROGRAM -Yr 2 Funding from Queens Medical Center"  
Minton, B. Nalani  
School of Nursing & Dental  
Nursing education program assistance for Native Hawaiian and Pacific Island students.  

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

1. Kresge Foundation  
"Green Building Initiative"  
Awakuni, Gene  
UH-West Oahu  
The Kresge Foundation, through its Green Building Initiative grant, assists nonprofit organizations with planning and design costs relating to environmentally sustainable "green" buildings for the new UH West Oahu campus in Kapolei  

2. National Film Preservation Foundation  
"Spectrum and Vietnam, Vietnam"  
Davis, Lynn A  
Library Services  
To preserve and make assessible two films, Spectrum (1965) and Vietnam Vietnam (1968). The grant will provide funding for the film work and video transfer to create VHS & DVD copies.
FROM: U.S. Universities and Colleges

1. George Washington University
   "PISCES (Partnership in Securing Cyberspace through Education and Service)"
   Crosby, Martha E
   Info & Computer Science
   Project PISCES (Partnership in Securing Cyberspace through Education and Service) is a program that provides opportunities for students with diverse backgrounds. The UH faculty will be responsible for supporting GW project advisors in the recruitment, selection and monitoring of student(s) participating in this program.

2. Univ of California- Davis
   "Characterization of East African Apple AAB/AB and 'Muraru' AA Groups of Banana Accessions Fellowship M. Onyango"
   Manshardt, Richard M
   Tropical Plant & Soil Science
   Supplemental to existing graduate research assistantship. The funds will allow us to evaluate horticultural potential of Apple and Muraru banana accessions and be able to identify clones to be recommended to farmers in East Africa.

FROM: All Non-U.S.

1. Inha University
   "Korea Conference '06 Law Publications"
   Van Dyke, Jon M
   School of Law
   Financial Support for Fellowship students to assist with editing law papers for publication for the Korea '06 Conference.

2. National Central University of Taiwan
   "National Central University of Taiwan Support of Pan-STARRS 1 Development and Infrastructure"
   Chambers, Kenneth C
   Institute for Astronomy
   National Central University of Taiwan (NCU) will provide substantial funds from the National Science Council of Taiwan to support Pan-STARRS1 (PS1) system development, both prior to and beyond the Operational Readiness Review (ORR). The IFA will inform NCU of dates of PS1 Board meetings, consult with NCU in advance of such meetings, and will brief NCU on the outcomes.

3. Society for Testing English Proficiency
   "Memorandum of Agreement (Addendum) Between University of Hawaii and The Society for Testing English Proficiency, Inc."
   Richards, Leon
   Kapiolani CC
   Research English learners by testing them through administration of Test of English as a Foreign Language and Society for Testing English Proficiency tests to determine how the two tests compare for the advanced speakers of English.
4. University of the Ryukyus
   "University of the Ryukyus School of Law Study Tour"
   Kimura, Spencer        School of Law
   Conduct legal education training workshops for the University of the Ryukyus graduate law students.
Funds Received from UH Foundation

RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $5,677
   "Tissue Culture, Propagation, Storage and Restoration of Endangered Plant Species"
   Sugii, Nellie C Lyon Arboretum
   Tissue culture, propagation and storage of critically endangered native Hawaiian plants.

NON-RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $30,000
   "Towing Carriage for Wave Tank"
   Riggs, H R College of Engineering
   Purchase of a new towing carriage for the Civil & Environmental Engineering Department's wave tank.
SUMMARY

EXTRAMURAL RESEARCH AWARDS,

DISTRIBUTION BY SPONSORS

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68  $7,405,768  100.00
## SUMMARY

### EXTRAMURAL NON-RESEARCH AWARDS,

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YEAR-TO-DATE SUMMARY
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Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOA-Dept of Agriculture

1. DOA-Dept of Agriculture $5,000
   "Tilapia Culture in Hawaii - Yr 2"
   Cedric Muir
   UHH-Natural Science

NON-RESEARCH AWARDS

FROM: DOA-Dept of Agriculture

1. DOA-Dept of Agriculture $4,800
   "Demonstration of Seedstock Transportation and Spawning
   Synchronization Sturgeon"
   Carmen Perez-Frayne
   UHH-Aquaculture

FROM: NSF-Nat'l Science Foundation

1. NSF-Nat'l Science Foundation $608,287
   "Partnerships for Reform through Investigative Science
   And Mathematics/Participants"
   Donald Price
   UHH-Natural Science

FROM: SBA-Small Business Administration

1. SBA-Small Business Administration $500,000
   "Hawaii Small Business Development Center Network"
   Darryl Mleynek
   UHH-Small Business
   Development Center

FROM: Hawaii Government Agencies

1. County of Hawaii Research and Development $20,000
   "Imiloa Center Marketing"
   Rose Tseng
   UHH-Chancellor's Office
2. County of Hawaii Research and Development
   "Imiloa Audio Tour System" $45,000
   Rose Tseng UHH-Chancellor's Office

3. County of Maui-Office of Economic Development
   "Hawaii Business Research Library" $135,000
   Darryl Mleynek UHH-Small Business Development Center

FROM: Hawaii Business and Other

1. OHA-Office of Hawaiian Affairs
   "Aha Opio Alakai Program 2007" $240,000
   David Sing UHH-Director's Office

FROM: Hawaii Association, Foundation and Societies

1. Hawaii Community Foundation
   "Visiting Artist Program" $10,000
   Wayne Miyamoto UHH-Art
UNIVERSITY OF HAWAII AT HIKO SUMMARY

EXTRAMURAL RESEARCH AWARDS, APRIL 2007 - APRIL 2007

DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HIKO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, APRIL 2007 - APRIL 2007

DISTRIBUTION BY SPONSORS

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

EXTRAMURAL RESEARCH AWARDS, JULY 2006 – APRIL 2007

DISTRIBUTION BY SPONSORS
UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY
EXTRAMURAL NON-RESEARCH AWARDS, JULY 2006 – APRIL 2007
DISTRIBUTION BY SPONSORS

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RECOMMENDATION: That the Board approve the gifts, contracts, and grants as recommended
GIFTS, GRANTS, AND CONTRACTS

The following gifts, grants, and contracts received during the period May 1, 2007 through May 31, 2007 total $29,805,733. The University of Hawai'i at Hilo received a total of $16,420 during the same period.

Gifts, Grants, and Contracts

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Dept of Agriculture $63,778
   "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 project will survey alien snails and slugs in Hawaii, focusing first on lowland areas disturbed by human activities, and second on higher elevation more pristine habitats, in order to ascertain the identity and distribution of the species present and which and how many of them have spread from the presumed horticultural facilities from which they originated.

FROM: DHHS-Dept of Health & Human Services

1. NIH-Nat'l Cancer Institute (NCI) $258,798
   "Regulation of Tumor Promotion by RasGRP1"
   Lorenzo, Patricia S Cancer Research Center
   Investigate the role of a novel phorbol ester receptor and Ras activator in the tumor promoting activity of the phorbol esters in skin.

2. NIH-Nat'l Heart, Lung & Blood Institute $15,229
   "Genetic Analysis of Signaling by Cardiac Endothelin-1"
   Shohet, Ralph Medicine- MED
   The development of a mentoring group of established investigations, to support the careers of promising young investigators. The enhancement of infrastructure support through the development of laboratory core facilities, administrative support and resources. The development of a strategic plan to assist in the recruitment of talented young faculty.
3. NIH-Natl Inst of Allergy & Infectious Diseases
   "Malarial Immunity in Pregnant Cameroonian Women"
   Taylor, Diane Wallace Trop Med - Med Micro- MED
   The World Health Organization recommends that pregnant women who are exposed to malaria receive intermittent preventive treatment using sulfadoxine-pyrimethamine, but its effect on immunity to malaria in the mother and their newborns is unknown. Our study in Cameroon will provide this information.

4. NIH-Natl Inst of Diabetes, Digestive, Kidney
   "Nutritional Risk Factors for Type 2 Diabetes in the Multiethnic Cohort"
   Maskarinec, Gertraud Cancer Research Center
   Link the Multiethnic Cohort with a list of identified diabetes patients from the 2 major insurers in Hawaii. Determine the prevalence and incidence of diabetes among Caucasians, Japanese and Native Hawaiians in the linked dataset. Evaluate the association of overweight, obesity, weight change since age 21, and physical activity with the occurrence of diabetes by ethnic groups.

5. NIH-Natl Inst of Environmental Health Sciences
   "Transcriptional Analysis of Pollutant Exposure: Administrative Supplement to Support High School Student Research Experiences"
   Shohet, Ralph Medicine- MED
   Provide a research experience for a high school student on transcriptional analysis of pollutant exposure (Dr. Shohet's R01).

6. NIH-Natl Inst of Neurological Disorders & Stroke
   "Development of Gene Transfer Approaches for NeuroAIDS"
   Lu, Yuanan Public Health Sciences
   To test for the potential use of primary monocytes/macrophages as a gene transfer vehicle to deliver anti-HIV tat gene into the central nervous system and such transgene expression in the brain for combating neuroAIDS using laboratory mouse as a in vivo model system.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric
   "Exploration of the Northwestern Hawaiian Island's Deep-Sea Fauna and Habitats Using Baited Cameras"
   Drazen, Jeffrey Oceanography - SOEST
   We propose to describe the deep-sea fauna of the northwestern Hawaiian Islands using baited cameras from ~500-3000 meters depth.
2. DOC-National Oceanic & Atmospheric
"Sea Grant College Program Institutional Program"
Grau, E Gordon Sea Grant - SOEST
To promote an innovative and effectively managed program of research, education, and outreach directed to the improved understanding, management, and wise use of marine resources of the state, region, and nation.

3. DOC-National Oceanic & Atmospheric
"Applications of Satellite Ocean Remote Sensing to Living Marine Resources (Ocean Remote Sensing)"
Schroeder, Thomas A JIMAR - SOEST
To develop and integrate information derived from analyses of satellite oceanographic data into population dynamics research.

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 Supercomputing Center.

2. DOD-Dept of Air Force
"Operations and Management of the Maui Supercomputing Center"
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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 Supercomputing Center.  
$1,012

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 Supercomputing Center.  
$1,338,493

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.  
$2,278

8. DOD-Dept of Navy  
"Inter-annual Variability and Prediction of Eddies in the Gulf of Aden and the Somall Current Region"  
Jensen, Tommy G  
Oceanography - SOEST  
Produce a monthly climatology, analysis and dynamical understanding of eddy activity in Gulf of Aden based on satellite observations and numerical models.  
$50,459

9. DOD-Dept of Navy  
"Adaptive Damping and Positioning Using Intelligent Composite Active Structures (ADPICAS, Phase IV)"  
Nejad, Mehrdad G  
Mechanical Engineering  
The primary objective of ADPICAS Phase IV is to develop an adaptive composite platform with adaptive telescope with integrated sensors/actuators and control system that will be used in tandem with a thrust vector control system to simultaneously point and stabilize a laser beam for long-distance satellite communication employing nanotechnology.  
$1,452,180
FROM: DOI-Dept of Interior
1. DOI-Bureau of Land Management $22,500
   "Pahsimeroi Subbasin Surface Water/Groundwater Savings
   and Restoration Project"
   El-Kadi, Aly I Geology & Geophys - SOEST
   Develop a comprehensive hydrologic model of the Pahsimeroi River
   Sub-Basin, with an emphasis on characterizing the interaction
   between surface water and groundwater in the Pahsimeroi Valley.
   This study will include quantifying discharge and chemistry of major
   stream groups in the Pahsimeroi Valley and final development of the
   groundwater/surface water interaction model.

2. DOI-Bureau of Land Management $32,700
   "Pahsimeroi Subbasin Surface Water/Groundwater Savings
   and Restoration Project"
   El-Kadi, Aly I Geology & Geophys - SOEST
   Develop a comprehensive hydrologic model of the Pahsimeroi River
   Sub-Basin, with an emphasis on characterizing the interaction
   between surface water and groundwater in the Pahsimeroi Valley.
   This study will include quantifying discharge and chemistry of major
   stream groups in the Pahsimeroi Valley and final development of the
   groundwater/surface water interaction model.

FROM: ED-Dept of Education
1. ED-Off of Special Ed/Rehab Services $300,000
   "Multimedia for Literacy in English Language Learners with
   Disabilities"
   Dowrick, Peter W Center on Disability Studies
   This project will examine significant questions related to the
   development of literacy in adolescents with disabilities, based in
   communities with key characteristics (poor economic conditions,
   linguistic diversity) that challenge typical approaches to the teaching
   and learning of reading and writing.

FROM: National Science Foundation
1. National Science Foundation $95,578
   "Light Element Studies"
   Boesgaard, Ann M Institute for Astronomy
   The chemical composition of stars holds the answers for many of the
   most fundamental questions about our universe. The research
   proposed here on the study of the light elements, lithium, beryllium,
   and boron will have an impact on a number of diverse fields, such as
   cosmology and Big Bang nucleosynthesis, the origin of the
   elements, cosmic ray theory, the interiors of stars and stellar
2. National Science Foundation
   "A Multidisciplinary Approach to Species Boundaries in Tropical Reef Corals"
   Carlon, David  Zoology
   An ecological, morphological and molecular analyses of the processes that determine biological boundaries in stony coral species of the tropical Atlantic. Molecular analyses will be conducted at the UH Manoa campus. Ecological field work will be based at the Smithsonian Tropical Research Institute, Panama. Additional field trips to Costa Rica and Brazil.

3. National Science Foundation
   Garcia, Michael O  Geology & Geophys - SOEST
   To map, sample and model the origin of secondary volcanism on and around the northern Hawaiian Islands.

4. National Science Foundation
   "In situ Voltammetry Integrated with a Cabled Nearshore Observatory"
   Glazer, Brian  Oceanography - SOEST
   Funding is requested to: (a) develop an in situ electrochemical analyzer with new capabilities for integration with a networked coastal observatory, (b) develop a software package capable of automated real-time data reduction, and (c) further assess performance of voltammetric sensors under varying long-term deployments.

5. National Science Foundation
   "High Resolution Spectroscopy of Pre-Main Sequence Stars"
   Herbig, George H  Institute for Astronomy
   To examine objects located above the T Tauri region in young clusters and to investigate two species of pre-main sequence stars (Fuors and Exors).

6. National Science Foundation
   "A Comparison of Aerosol Organic Carbon Measurements and Models in the Free Troposphere at MLO"
   Huebert, Barry J  Oceanography - SOEST
   We are proposing to measure carbon-containing aerosol particles (OC) at the Mauna Loa Observatory, to determine how important these particles are for radiative forcing of climate. We will also conduct a comparison between the OC we measure and the OC predicted by several numerical aerosol models.
7. National Science Foundation
"Surface of Kuiper Belt Objects"
Jewitt, David C Institute for Astronomy
We will conduct a systematic investigation of the reflection spectra of Kuiper Belt Objects (KOBs) and related bodies in order to assess the volatile contents of these objects.

8. National Science Foundation
"CRC: Chemistry of Unsaturated Hydrocarbons in Titan's Atmosphere"
Kaiser, Ralf I Chemistry
An investigation of the chemical processing of Saturn’s moon Titan and of cold molecular clouds.

9. National Science Foundation
Liu, Robert S H Chemistry
Photoisomerization is a fundamental chemical reaction taking place in photosensitive biopigments as well as in simple organic compounds. This proposal emphasizes understanding of the reaction when the molecule is trapped in a rigid medium. The finding will help better understanding of processes such as vision, photomovement and properties of light sensitive materials.

10. National Science Foundation
"Collaborative Research: Knowledge, Attitudes and Behavioral Intentions of Essential Personnel with Respect to Avian Influenza and SARS"
Qureshi, Kristine School of Nursing
Develop, administer and analyze a survey to assess knowledge, beliefs, attitudes and intentions of health care responders for SARS or Avian Influenza.

11. National Science Foundation
"Retrodirective Antenna Arrays for Secure Data Transmission in Covert Terrestrial and Nanosatellite Sensor Networks"
Shiroma, Wayne A Electrical Engineering
Develop novel antennas for intelligence-gathering scenarios.
12. National Science Foundation $126,075

"NSF Visitor and Observing Support for the NASA Infrared Telescope Facility"

Tokunaga, Alan Institute for Astronomy
Funding is requested to cover the NSF portion of observing support at the NASA Infrared Telescope Facility.

FROM: Nat’l Aeronautics & Space Administration

1. Nat’l Aeronautics & Space Administration $24,320

"FLAME DESIGN: A Novel Approach to Clean Efficient Diffusion Flames"

Chao, Beei-Huan Mechanical Engineering
Investigate how flame structure can be controlled such that diffusion flames can be soot free but exceedingly strong. In this way, practical applications to clean, efficient diffusion flames can be realized.

2. Nat’l Aeronautics & Space Administration $65,000

"Corundum and Corundum-Hibonite Solar-System Condensates as Probes of Isotopic Evolution of the Inner Solar Nebula"

Krot, Alexander N Haw Inst Geophys & Planet
Mineralogical and isotopic studies of the very refractory gas-solid condensates of the early Solar System; astrophysical, thermodynamic and experimental modeling of isotopic evolution of the early Solar System.

3. Nat’l Aeronautics & Space Administration $64,000

"Mineralogy, Petrology, and Isotope Chemistry of the Metal-Rich CH and CB Carbonaceous Chondrites"

Krot, Alexander N Haw Inst Geophys - SOEST
Mineralogical, petrographic, and isotopic studies of chondrules, refractory inclusions, and metal grains from the metal-rich CH and CB carbonaceous chondrites using scanning electron microscopy, electron probe microanalysis, secondary ion mass spectrometry, Raman spectroscopy and other analytical techniques.

4. Nat’l Aeronautics & Space Administration $56,000

"Identifying Missing Young Low-Mass Stars"

Liu, Michael Institute for Astronomy
To carry out an archival study with the GALEX All-Sky Imaging Survey (AIS) combined with ground-based catalogs to identify the nearest young low-mass stars.
5. Nat'l Aeronautics & Space Administration
"Data-Intensive Research and Model Development at the
International Pacific Research Center (IPRC)"
McCreary, Julian P  Oceanography - SOEST
To enhance the research conducted at the IPRC to study the Pacific climate variability and processes, Pacific Ocean circulation and its roles in climate and Asian-Australian monsoon system (A-AMS).

6. Nat'l Aeronautics & Space Administration
"Understanding the Mechanisms and Effects of Ice
Nucleation in Tropical Cyclones"
Phillips, Vaughan  Meteorology - SOEST
Research into effects of aerosol on tropical cyclones. Reimbursement is to cover costs of computers, travel to conferences, and research.

FROM: Hawaii- Government Agencies

1. City and County of Honolulu
"Biological and Sediment Monitoring Program with
Supplemental Studies"
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
"Hawaii Island Health Workforce Map"
Withy, Kelley  Complementary & Alternative
To assess health workforce of Hawaii Island, project future needs and develop ideas for meeting needs.

3. DLNR-Division of Aquatic Resources
"Evaluating the Effectiveness of Restricted Fishing Areas for Improving the Bottomfish Fishery in the Main Hawaiian Islands"
Drazen, Jeffrey  Oceanography - SOEST
To evaluate the effectiveness of Restricted Fishing Areas for improving the Bottomfish fishery in the main Hawaiian Islands.
4. DLNR-Division of Forestry & Wildlife
   $51,000
   "Human Impact Evaluation, Biological Inventory and Assessment, and Information Synthesis of the Ahihi Kinau, Maui Area Reserve"
   Jokiel, Paul L        Haw Inst Marine Bio-SOEST
   Trampling evaluation and visitor impact at Ahihi Kinau Natural Area Reserve, Maui. Information synthesis and data integration. Biological inventory and assessment including habitat and bathymetric information. Monitoring and evaluation of Ahihi Kinau MPA.

5. DOH-State Council on Developmental Disabilities
   $244,000
   "Striving for Independence Through Peer Mentoring: Ho'oikaika"
   Izutsu, Satoru        Medicine- MED
   Project goals and objectives to: 1) increase quality, availability, effectiveness of community-based and educational programs designed to improve health and quality of life, and 2) improve access to comprehensive, high quality health care services by developing an effective, culturally competent system of peer mentoring services for adults w/TBI and their families.

6. Hawaii-Dept of Agriculture
   $200,000
   "Implementing Quarantine Heat Treatments for the Coqui Frog and Other Invasive Species Impacting the Hawaiian Nursery Industry"
   Hara, Arnold H        Plant & Environmental
   The overall objective of this project is to design and construct portable and permanent hot shower chambers to ensure that nurseries ship flowers and foliage that are quarantine pest-free.

7. Hawaii-Dept of Agriculture
   $150,000
   "Terrestrial Oilcrops for Biodiesel Production"
   Uehara, Goro          Tropical Plant & Soil Science
   The aim of this project is to conduct selection of oil bearing crops suitable for Hawaii’s soil and climate conditions; plant and grow pilot crops to assess production yields; and to determine the commercial feasibility of such operations on an expanded scale.

8. Hawaii-Dept of Land & Natural Resources
   $20,000
   "The CGAPS Project: 2007"
   Duffy, David          Botany
   Continue coordination of Coordinating Group on Alien Pest Species Projects, specifically education and public outreach.
9. Hawaii-Dept of Land & Natural Resources
"Proposal for the Contracting of a Recreational Impacts to Reefs Local Action Strategy (RIRLAS) Coordinator"
Duffy, David Botany
Supplement funding for the Recreational Impacts to Reefs Local Action Strategy Coordinator.

10. Hawaii-Dept of Land & Natural Resources
"Threatened and Endangered Species Recovery: Kauai: 2006 - 2007"
Duffy, David Botany
Continue research and field work to promote recovery of Kauai's threatened and endangered plants.

11. Hawaii-Dept of Land & Natural Resources
"Support for the HISC Program"
Duffy, David Botany
Coordinate invasive species management and control programs for various entities, assess new invasive species risks, ensure good science is applied to management plans, and implement a public outreach program.

12. Hawaii-Dept of Land & Natural Resources
"Coordination and Planning of Programmatic Habitat Conservation Plan for Endangered and Threatened Seabirds on Kauai, Hawaii"
Duffy, David Botany
Supplemental funding to continue identifying sources of incidental mortality of endangered and threatened nocturnal seabirds and conservation methods to reduce mortality on Kauai.

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

1. Coalition for a Drug Free Hawaii
"CRP Service to Science Initiative"
Kameoka, Velma A Psychology
Subcontractor to develop psychometrically sound measures for testing the effectiveness of the Lei Ilima Class, a gender-specific program designed to prevent and/or reduce risk for substance abuse and related risk behaviors among AAPI girls in Hawaii.

2. Hawaiian Silversword Foundation
"Three Mountain Alliance Invasive Plant Management"
Duffy, David Botany
A Vegetation Specialist will develop an invasive plant management plan for the Three Mountain Alliance.
3. HCF-Hawaii Community Foundation - General
"Establishment of Lentiviral Vector Mediated Transduction and Expression of a Potential Neuro-Protective Factor in Mouse Monocytes and Macrophages"

Lu, Yuanan  
Public Health Sciences

Up-regulated expression of tumor necrosis factor-a in the central nervous system (CNS) plays an important role in the development of human immunodeficiency virus-1 (HIV-1)-associated dementia (HAD). This study is aimed to test a novel therapeutic approach for HAD is to block the biological activity of the TNF-a through the delivery of a soluble TNF receptor.

FROM: Hawaii - Business and Other

1. Hawaii Alliance for Arts Education
"Evaluation and Research Services Provided in Year 1 (School Year 2006-07) to the Arts in Education Model Development and Dissemination Project"

Brandon, Paul R  
CRDG

Provide research and evaluation services to the Hawaii Arts Alliances Arts and Literacy for All program, which provides training to teachers in how to integrate the arts into the teaching of elementary school reading.

FROM: Hawaii - Health Organizations

1. Queen's Medical Center
"Memorandum of Understanding between the QMC and UHM SONDH"

Inouye, Jillian  
Nursing

Develop strategies and plans for collaborative research activities, identify shared educational opportunities, support participation in identified committees at each organization, promote the appointment of QMC staff as non-compensated clinical faculty at UHM and promote ongoing communication to identify opportunities to expand future education and practice partnerships.

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

1. Nat'l Fish and Wildlife Foundation
"Avian Influenza Surveillance Project"

Duffy, David  
Botany

Supplement the state's avian flu detection program by funding the Invasive species Committees to pick up and test reported dead birds.
FROM: Mainland- Health Organizations

1. Southwest Oncology Group  $22,900
   "Southwest Oncology Group Purchases Services Agreement: SELECT & Ancillary Studies"
   Berenberg, Jeffrey  Cancer Research Center
   Southwest Oncology Group (SWOG) will reimburse our Community Clinical Oncology Program (CCOP) Institution for our patient accrual and/or follow-up submission for patients enrolled in SWOG clinical trials by the Cancer Research Center of Hawaii’s Clinical Research Associates (CRAs).

FROM: Mainland- Other

1. Jet Propulsion Lab  $20,000
   "Mineralogy and Geology of Olivine-rich Terrains Using THEMIS Data"
   Hamilton, Victoria  Haw Inst Geophys & Planet
   Conduct research into the mineralogy of the Martian surface using data from the Thermal Emission Imaging System instrument onboard NASA’s Mars Odyssey spacecraft.

FROM: U.S. Universities and Colleges

1. Northeastern University  $12,000
   "Cannabimimetic Ligands and Endocannabinoid Sites"
   Tius, Marcus A  Chemistry
   Synthesis of organic compounds to probe the cannabinoid

2. Scripps Inst of Oceanography  $238,000
   "Pacific Islands Land-Ocean Typhoon (PILOT) Experiment"
   Merrifield, Mark A  Oceanography - SOEST
   Field observations of shoaling surface gravity waves, sea level, and nearshore currents over fringing reefs will be made to estimate the coastal-run that occurs during energetic, storm-generated wave events. The results will be compared to numerical models and used to emergency management purposes.

3. Univ of California- San Diego  $9,757
   "Pacific Islands Land-Ocean Typhoon (PILOT) Experiment"
   Merrifield, Mark A  Oceanography - SOEST
   A wave gauge will be installed at Kamalapau Harbor to study ocean wave variability and harbor seiche in collaboration with UCSD.
4. Univ of California- San Diego
"Pacific Islands Land-Ocean Typhoon (PILOT) Experiment"

Merrifield, Mark A Oceanography - SOEST
Field observations of shoaling surface gravity waves, sea level, and nearshore currents over fringing reefs will be made to estimate the coastal-run that occurs during energetic, storm-generated wave events. The results will be compared to numerical models and used for emergency management purposes.

5. Univ of California- Santa Cruz
"Partnership for Interdisciplinary Studies of the Coastal Ocean (PISCO)"

McManus, Margaret Anne Oceanography - SOEST
The object of this activity is to bring specialists together across disciplines; analyze subtidal, intertidal, and oceanographic findings collectively; and develop a more synthetic view of the processes that occur in coastal waters. Our ultimate aim is to move toward a capability for forecasting the effects of climate change on the ecology of coastal waters.

6. Univ of Colorado
"Sex and HIV-dependent Nucleoside-analog Toxicities"

Gerschenson, Mariana School of Medicine
Examine mitochondrial parameters in human blood and fat from HIV patients.

7. Univ of Florida
"20GHz GaN Wide-band Receiver"

Lubecke, Victor Electrical Engineering
The power handling, low noise, and wideband properties of GaN transistors make them attractive candidates for future radar, electronic warfare, and communications applications. The objective of this interdisciplinary research is to demonstrate GaN technology for compact, frequency agile, phased array front ends in the 2 to 20 GHz frequency range.

8. University of Cincinnati
"Food Intake and Obesity in Cloned Mice"

Yamazaki, Yukiko Anatomy- MED
The major goal of this project is to examine the food intake and obesity in mice cloned from adult somatic cells.
FROM: All Non-U.S.

1. **APEC Climate Center (APCC) $159,184**
   "APCC Multi-Model Ensemble Seasonal Prediction System Development"
   Wang, Bin  
   Meteorology - SOEST  
   Improving APCC operational multi-model ensemble seasonal prediction system through providing one-tier predictions using coupled models developed by four non-operational institutions in APCC/CLiPAS team and implementing innovated MME schemes to APCC.

2. **Japan Agency for Marine-Earth Science and $2,316,000**
   "JAMSTEC Year 11"
   McCreary, Julian P  
   Sch Ocean, Earth Sci & Tec  
   Provide an international research environment dedicated to improving understanding of the nature and predictability of climate variability in the Asia-Pacific sector, including influences of global environmental change within the region.

3. **National Institute of Oceanography $388,970**
   "IMI-30 Swath Mapping Survey of Carlsberg Ridge Aboard R/V SONNE"
   Edwards, Margo H  
   Haw Inst Geophys & Planet  
   The Hawaii Mapping Research Group will conduct a deep-water mapping survey of the Carlsberg Ridge in the Indian Ocean using the IMI-30 sonar system.

NON-RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. **DA-Dept of Agriculture $124,000**
   "Networking, Collaborating, and Partnering for Effective Family & Community Programs"
   Ikeda, Carol S  
   Coll, Trop Ag & Human Res  
   Project will establish Technology Learning Centers at three "at risk" community sites in collaboration with community partners, to strengthen the capacity of youth and families to function in today’s challenging and changing society through the delivery of educational programs, using a variety of methods.

2. **Garden Island Resource Conservation & $14,000**
   "Kauai Invasive species Committee Coqui Frog Eradication"
   Duffy, David  
   Botany  
   Support Kauai Invasive Species Committee's coqui frog eradication efforts, specifically in Lawai, Kauai.
FROM: DHHS-Dept of Health & Human Services

1. DHHS-Dept of Health & Human Services
   "Hawaii Medical Student Aging Research Training Center"
   $47,444
   Masaki, Kamal H Geriatrics-MED
   Establishment of medical student aging research training center. Designed to achieve the goals of providing short term research, clinical & didactic experiences, and to expose students to career opportunities in aging related research & academic Geriatrics.

2. National Institutes of Health
   "High School Students STEP-UP to Biomedical Research"
   Hui, George S N Trop Med - Med Micro- MED
   To provide biomedical research training for high school students of ethnic minority and economically disadvantaged background.

FROM: DOD-Dept of Defense

1. DOD-Dept of Army
   "Research Instrumentation to Study the Fate and Transport of Unexploded Ordinance Chemicals in Tropical Soils"
   Ray, Chittaranjan Water Resource Research
   One solvent extractor, one high speed centrifuge, and column leaching apparatus will be purchased to support ongoing and future research.
   $110,145

2. DOD-Naval Research Laboratory
   "Autonomous Sensing of Layered structures in Hawaiian Waters"
   McManus, Margaret Anne Oceanography - SOEST
   This DURIP proposal is a request for an autonomous moored profiler (the SeaHorse) to support our continued work examining coherent patches of plankton (e.g. horizontally expansive, vertically thin layers) in coastal waters. The unique aspect of this profiler is that it is equipped with 2-way telemetry.
   $112,842
FROM: ED-Dept of Education

1. ED-Dept of Education $183,361
   "Adapted Physical Education Training of U.S. Pacific Islanders Using a Teacher-Consultant Model (Project APERT)"
   Murata, Nathan M Kinesiology & Leisure Sci
   Project APERT is based on a Teacher-Consultant Model that will increase the number of qualified personnel providing general and adapted physical education services to P-12 pupils with high and low incidence disabilities in American Samoa, Guam and rural areas of Hawaii.

2. ED-Dept of Education $199,763
   "Project Manawa Kupono (Opportunity): Preparing Educators to Improve Outcomes for Students with Autism"
   Wells, Jenny Special Education
   This four-year project will recruit & prepare 30 M.Ed. trainees (2 cohorts of 15) to be special education teachers for students with autism. Program graduates will be eligible for special education licensure in Hawaii.

3. ED-Fulbright-Hays $95,648
   "Interlocking Regional and Local Socio-Economic Networks in Eastern Indonesia, c. 1400-1800"
   Andaya, Leonard Y History
   Conduct research in the archives of the Dutch East India Company in Indonesia and The Netherlands, and in the islands of eastern Indonesia.

FROM: Environmental Protection Agency

1. Environmental Protection Agency $37,000
   "Management Across Borders: Assessing Connectivity of Panulirus Interruptus Populations Throughout California and Mexico - EPA Fellow-M. Iacchei"
   Toonen, Robert Haw Inst Marine Bio-SOEST
   Star Fellowship Program.
FROM: National Science Foundation

1. National Science Foundation $11,980
   "Dissertation Research: Ecosystem Services Provided by Terrestrial Mollusca in Hawaiian Rainforests"
   Cowie, Robert H  Pacific Biomed Rsrch Cntr
   To set up experimental microcosms in rainforest on the island of Hawaii to investigate the role of native and alien land snails and slugs in decomposition of organic materials and cycling of nutrients in ecosystems.

2. National Science Foundation $98,334
   "REU Site: Integrating the Study of Hawaiian Landscapes through Archaeology, Geography, Hawaiian Studies, and History"
   Graves, Michael W  Anthropology
   This project will provide an Integrative Research Experience for Undergraduates in archaeology, geography, Hawaiian Studies, and history, part of a program of research in North Kohala, Hawaii Island. Research will focus on traditional Hawaiian settlements, subsistence/resources, and social organization and complexity. Students will combine intensive classroom/laboratory experiences learning GIS and database management with six weeks of archaeology field training, and produce an original research report.

3. National Science Foundation $125,000
   "Solar and Space Science Development at the Institute for Astronomy"
   Kuhn, Jeffrey R  Institute for Astronomy
   We are requesting funds to rebuild the solar and space physics program at the Institute for Astronomy. The tenure track faculty member that will be recruited using these funds will teach, conduct research, mentor graduate students, and visit and speak at undergraduate universities to encourage students to pursue graduate studies.

4. National Science Foundation $30,000
   "Bioastronomy 2007: Molecules, Microbes and Extraterrestrial Life Meeting Support"
   Meech, Karen J  Institute for Astronomy
   Participant travel and publications support for the 9th triennial bioastronomy meeting to be held in San Juan, Puerto Rico — July 16-20, 2007.

5. National Science Foundation $5,559,200
   "University of Hawaii Ship Operations 2005-2009"
   Taylor, Brian  Sch Ocean,Earth Sci & Tec
   To fund the operation of the R/V Kilo Moana.
FROM: Hawaii- Government Agencies

1. DOH-Child & Adolescent Mental Health Division $167,223
   "Student Internship - Project Hi‘ilei"
   Morelli, Paula T School of Social Work
   MSW practicum training for students working in the area of child and
   adolescent mental health.

2. DOH-Child & Adolescent Mental Health Division $59,000
   "Training in Psychology-Child"
   Schiffman, Jason Psychology
   To provide psychological treatment and assessment of children
   struggling with emotional and/or behavioral difficulties. This project
   trains graduate student clinicians and offers children families needed
   psychological services.

3. DOH-Community Health Division $29,150
   "Clinical Trial Awareness Event"
   Gotay, Carolyn C Cancer Research Center
   Hold a community event to educate professionals and lay people
   about clinical trials. Focus groups will be held, after a training to
   research effective clinical trials education messages.

4. Hawaii-Dept of Business & Economic $8,000
   "WindPower 2007 Conference"
   Ainsworth, Don Maui CC
   Attendance of three MCC faculty to the WindPower 2007 Conference
   and Exhibition to seek opportunities and resources in the area of
   wind energy technologies and to develop contacts in wind energy for
   future testing of small wind turbines in the State of Hawaii.

5. Hawaii-Dept of Commerce and Consumer Affairs $1,750,000
   "Institutional Network (INET) Interconnections"
   Lassner, David K Info Technology Services
   UH will be coordinating the expenditure of State of Hawaii funding
   available through DCCA in support of the continued development
   and expansion of the Institutional Network (INET).

6. Hawaii-Dept of Education $45,000
   "An Evaluation of the West Kauai Complex’s NCLB
   Consolidated Grant"
   Higa, Terry Ann CRDG
   The evaluators will develop methods in collaboration with the project
   leader and study the implementation and outcomes of the project.
7. Hawaii-Dept of Education $35,000
"Coordination & Administration of 2007 High School Hawaii Youth Risk Behavior Survey"
Saka, Susan CRDG
Coordinate the administration of the 2007 Hawaii Youth Risk Behavior Survey to selected high school students and prepare a state-level report of the results.

8. Hawaii-Dept of Education $2,268,781
"Felix Consent Decree Recruitment and Retention Personnel Plan"
Young, Donald B College of Education
Increase the number of individuals eligible for initial teaching licensure in special education.

9. Hawaii-Dept of Health $18,944
"Hawaii Health Data Warehouse Project"
Maddock, Jason E Public Health Sciences
Maintain Hawaii Health Data Warehouse; add new DOH data sets; develop standard report templates; work on a pilot project to include hospital data; develop online system for user support; develop strategic plan; update Healthy Hawaii 2010 website; submit data quality reports.

10. Hawaii-Dept of Health $395,562
"Social Work Services"
Matsuoka, Jon K School of Social Work
Provide social work services in conjunction with on-site training for social work students in adult mental health case management and psycho-social rehabilitation.

11. Hawaii-Dept of Health $45,000
"State of Hawaii Department of Health Memorandum of Agreement"
Qureshi, Kristine School of Nursing
Contractor shall provide support services to establish and implement a framework for an active Medical Reserve Corps on each of the four counties in the State of Hawaii: Oahu, Hawaii, Maui and Kauai.

12. Hawaii-Dept of Human Services $372,163
"Bridge to Hope Student Support"
Bill, Teresa Office of Student Affairs
University of Hawaii will administer and provide campus work opportunities to eligible TANF/TAONF students through its bridge to Hope program on all University of Hawaii campuses state-wide.
13. Hawaii-Dept of Human Services  
"Vocational Rehabilitation Need Assessment"  
Izutsu, Satoru  Dean's Office- MED  
Conduct assessment of VR service outcomes, conduct assessment of consumer satisfaction with VR services, conduct assessment of long-term VR service impact, produce a grant project consistent with Rehab Act priorities, provide technical assistance, provide website, determine VR needs of persons with mental emotional disabilities, provide services for SRC.  
$568,411

14. Hawaii-Dept of Human Services  
"Initiative to Promote Culturally Appropriate Child Welfare Practice in Hawaii"  
Mataira, Peter  School of Social Work  
Assist in the planning and coordination of an international conference that deals with issues of appropriate response to child welfare needs of indigenous populations and ethnic minorities.  
$49,927

15. Hawaii-Dept of Human Services  
"Provide Professional Development Course in Sexuality for Public and Private School Educators"  
Matsuda, Jon  Outreach College  
Establish and administrate professional development courses in sexuality for K - 12 educators.  
$48,830

16. Hawaii-Dept of Land & Natural Resources  
"PCSU Resource Ranger (Ahihi-Kinau Natural Area Reserve, Maui)"  
Duffy, David  Botany  
Cooperate with DLNR to protect, manage, and conduct public educational outreach for the Ahihi-Kinau Natural Area Reserve on Maui.  
$51,000

17. Hawaii-Executive Office on Aging  
"Nutrition Service for Older Adults"  
Kanehiro, Naomi A  Coop Extension Svc- CTAHR  
The goal of this project is to improve the nutrition education programs statewide by providing curriculum development, training and technical assistance, monitoring, statewide workshops, and web site development.  
$50,000
FROM: Hawaii - Business and Other

1. Hawaii Council for the Humanities $2,500
   "Islamic Cultures in Reflection"
   Andaya, Barbara W School of Hawaiian, Asian &
   A photo exhibition covering topics related to Islam and Muslim life in
   Southeast Asia.

2. Hawaiian Electric Co Inc $141,246
   "UHERO-HECO Custom Regional Forecast"
   Bonham, Carl S Social Science Rsrch Inst
   UHERO will provide 30 year forecasts of major economic indicators
   needed by HECO, MECO, and HELCO for the preparation of their
   internal forecasting exercises. Variables to be forecast include visitor
   statistics, personal income, job counts, and demographic measures
   for the State of Hawaii and its four counties.

3. Healy Tibbits Builders, Inc. $52,685
   "Ocean Engineering Internship"
   Cheung, Kwok F Ocean & Resources
   Internship program for graduate students in Ocean and Resources
   Engineering.

4. Navatek, Ltd. $26,342
   "Ocean Engineering Internship-Navatek"
   Cheung, Kwok F Ocean & Resources
   Internship program for graduate students in Ocean and Resources
   Engineering.

5. Papa Ola Lokahi $101,175
   "Imi Hale Research Administration"
   Braun, Kathryn L Public Health Sciences
   To identify, train, and mentor individuals interested in conducting
   research in cancer health disparities.

6. Pono Pacific Land Management $78,750
   "Pono Pacific Leadership Trainig for Youth Conservation
   Corps"
   Duffy, David Botany
   Supplement existing funding for the Youth Conservation Corps
   summer intern program.
FROM: Hawaii- Health Organizations
1. Hilo Medical Center $11,000
   "Hawaii Rural Interdisciplinary Training Demonstration Project: Proposal for Nurse Practitioner Students"
   Niederhauser, Victoria School of Nursing & Dental
   This proposal is to support interdisciplinary training for UHM Nurse Practitioner and Advanced Practice Nursing students at a Hilo-based family practice clinic. Students will do clinic rotations at this clinic during their program of student. Faculty from the School of Nursing will oversee this clinical training experience.

FROM: Mainland- Business
1. Freeman Foundation $200,000
   "An Asian Outreach Program for Minority Serving Higher Education in America"
   Trimillos, Ricardo D South Asian Stud- SHAPS
   This project carries out seminars abroad and on-campus workshops to mentor faculty from minority-serving institutions (colleges and universities) to introduce Asian Studies into the curricula of their institutions.

FROM: Mainland- Other
1. Nat'l Writing Project $55,000
   "2007 Funding Application - Continuation Report"
   Hershinow, Sheldon J Kapiolani CC
   Professional development for teachers K-6.

2. RK Consulting $20,000
   "Rob Knourek MALT Internship"
   Hoffman, Mark Maui CC
   Training in the development of database applications for the

FROM: U.S. Universities and Colleges
1. California Inst of Technology $80,990
   "Three Year Spitzer Fellowship for Emeric Le Floc'h"
   Sanders, David B Institute for Astronomy
   Awarded to Emeric Le Floc'h to conduct independent research with the goal of enhancing the overall scientific return from the Spitzer Space Telescope mission.
2. Mississippi State University
"University of Hawaii Participation in MOS University Consortium PET Project"
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 Project.

3. Univ of California- Los Angeles
"Pacific Public Health Training Center"
Casken, John  Nursing
Prepare and present training in general public health issues to public and private community groups.

4. Univ of Washington
"Northwest Alliance for Access"
Stodden, Robert A  Center on Disability Studies
The NCSINES will collect intervention effectiveness data, as well as outcome and impact data which documents progress toward the overall goal of increasing the quantity and quality of people with disabilities pursuing careers in STEM disciplines.

FROM: All Non-U.S.

1. Nat'l Operations, Australian Govt, Bureau of
"PI-GCOS Server"
Potemra, James T  Oceanography - SOEST
Purchase necessary hardware and software for the PI-GCOS server to be housed at UH.
Funds Received from UH Foundation

RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $2,564
   "Sustainable Pest Management in Vegetable
   Agro-ecosystems"
   Hooks, Cerruti R R Plant & Environmental
   Involves using cover crops to suppress above and below ground
   pests in vegetable crops.

2. Univ of Hawaii Foundation $27,900
   "Development of Bioinformatics Tools for Molecular
   Biomarker Discovery and Pathway Analysis of Breast
   Cancer"
   Okimoto, Gordon S. Cancer Research Center
   Design and development of pattern recognition and machine
   learning models capable of predicting the 3-5 year recurrence
   probability of early-stage breast cancer based on multivariate gene
   expression signatures and DNA microarrays.

3. Univ of Hawaii Foundation $33,266
   "Evaluation of Methods for Expression Analysis Profiling
   from Formalin-fixed Paraffin-embedded (FFPE) Samples"
   Tiirikainen, Maarit Cancer Research Center
   1) Evaluation of commercially available ribonucleic acid extraction
   methods for formalin-fixed, paraffin-embedded tissues to find the
   best extraction method for archived needle biopsies and other
   surgical resection samples. 2) Comparison of two different
   microarray platforms for the feasibility of doing gene expression
   profiling using partially degraded ribonucleic acids.

NON-RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $2,500
   "Waikoloa Anchialine Pond Preserve Area"
   Brock, Richard E Sea Grant - SOEST
   Support is requested to allow personnel to administer and manage
   the pond preserve at Waikoloa. Management problems to be
   addressed include (1) control of recently introduced alien fish; (2)
   public theft of anchialine organisms; (3) controlling encroaching
   vegetation; and (4) interfacing and working with the yet-to-be hired
   on-site pond manager.
2. Univ of Hawaii Foundation  
"Sen Chair 2007-2008"  
Jolly, Karen  
History  
To partially support the salary and fringe benefits for the Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History.  

$40,435

3. Univ of Hawaii Foundation  
"SSW Werner Project"  
Matsuoka, Jon K  
School of Social Work  
To hire project staff to continue the Werner Longitudinal Study.

$13,213

4. Univ of Hawaii Foundation  
"Lyon Arboretum Summer Internship Program 2007"  
Morden, Clifford W  
Lyon Arboretum  
Interns will work and train under members of the Lyon Arboretum staff involving all operations of the garden and will be expected to complete a summer-long project that fits their special area of interest to the Arboretum's needs.

$12,500

5. Univ of Hawaii Foundation  
"Kapiolani community College Activities"  
Richards, Leon  
Kapiolani CC  
Agreement to allow the University to make payments to individuals utilizing the UHF funds.

$10,000

6. Univ of Hawaii Foundation  
"School of Architecture Budget"  
Yeh, Raymond W H  
School of Architecture  
To provide additional funding to the School of Architecture for the Irene & Haigo Shen Gallery and John & Maria Lynn Reading Room.

$30,000
## SUMMARY

**EXTRAMURAL RESEARCH AWARDS,**

**DISTRIBUTION BY SPONSORS**

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<th>AGENCY-UNIT</th>
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73 | $15,903,685 | 100.00 |
### SUMMARY

**EXTRAMURAL NON-RESEARCH AWARDS, DISTRIBUTION BY SPONSORS**

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| **Total**                                        | **53**        | **$13,902,048** | **100.00** |
### YEAR-TO-DATE SUMMARY

**EXTRAMURAL RESEARCH AWARDS, DISTRIBUTION BY SPONSORS**

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### YEAR-TO-DATE SUMMARY

**EXTRAMURAL NON-RESEARCH AWARDS, DISTRIBUTION BY SPONSORS**

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541  $108,614,354  100.00
Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOA-Dept of Agriculture

1. DOA-Dept of Agriculture  
   "Support of Agriculture Research FY 07"  $16,420
   Norman Stahl  UHH-Agriculture

NON-RESEARCH AWARDS

NONE
### UNIVERSITY OF HAWAII AT Hilo Summary


#### Distribution by Sponsors

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UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, MAY 2007 - MAY 2007

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# UNIVERSITY OF HAWAI'I AT HILO YEAR-TO-DATE SUMMARY

## EXTRAMURAL RESEARCH AWARDS, JULY 2006 - MAY 2007

### DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY
EXTRAMURAL NON-RESEARCH AWARDS, JULY 2006 - MAY 2007
DISTRIBUTION BY SPONSORS

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**Recommendation:** That the Board approve the gifts, contracts, and grants as recommended.
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

Executive salary adjustments effective July 1, 2007 for eligible executive personnel, based on performance.

Executive Appointment

GAINES, JAMES
Vice President for Research
Office of the VP for Research
August 1, 2007

UNIVERSITY OF HAWAI'I - WEST O'AHU

Professor and Equivalent

WOOD, MELINDA
Specialist, S5
Academic Support
Promotion
August 1, 2007

COMMUNITY COLLEGES

Executive

RICHARDS, LEON
Chancellor
Kapi'olani Community College
August 1, 2007 – July 31, 2010

Emeritus

GEORGE, STEPHEN
Professor, C5
Maui Community College
Upon Board Approval

Recommendation: That the Board approve the personnel actions as recommended.