BOARD OF REGENTS’ MEETING

Date: March 13-14, 2008

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: 9:30 a.m.

Place: Honolulu Community College
Loui Conference Center
874 Dillingham Blvd.
Honolulu, Hawai‘i 96817

AGENDA

I. Call Meeting to Order

II. Approval of Meeting Minutes of January 10, 2008 and January 18, 2008

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. Report of the University of Hawai‘i Foundation

VI. Items for Board Action:

University of Hawai‘i - Mānoa

1. Authorization for the College of Tropical Agriculture and Human Resources to Negotiate a Long-Term Lease for Property in Kunia
2. Approval of the Establishment of the Lloyd Fujie and Deolitte Foundation Distinguished Accounting Professorship, Shidler College of Business

University of Hawaii – West O’ahu

3. Approval of Conveyance of Real Property and Easements to Hawaiian Electric Co., Inc.’s New Kalo‘i Substation

University of Hawai‘i - Community Colleges

4. Approval of the Associate in Science Degree in Music & Entertainment Learning Experience (MELE) Program, with Concentrations in Music Business & Production, and Audio Engineering Technology — Honolulu Community College
5. Approval of Lease Agreement with Kawaikini New Century Public Charter School — Kaua‘i Community College
University of Hawai‘i System

6. Acceptance of UH Financial and Compliance Audit
7. Acceptance of UH Consolidated Financial Statements
9. Approval of CIP Contracts and R&M Projects
10. Approval of Biennium Budget Policy Paper
11. Approval of Amendments to BOR Policy Chapter 8-1, Business and Finance — Contracts and Official Documents

VII. Acceptance and Approval of Gifts, Grants and Contracts [Attachments A-1, 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. Announcements

Next Meeting of the Board:
   Date: To Be Announced
   Place: To Be Announced

X. Executive Session (closed to the public):

   Personnel Actions Related to the Following Positions: (To discuss the following personnel matters pursuant to HRS §92-5(a)(2))
   a. Approval of Emeritus Title Recommendations
   b. Approval of Promotion for Kaua‘i Community College Faculty
   c. Approval of Continuation of Salary Stipend for UH Mānoa Vice Chancellor for Research and Graduate Education
   d. Appointment of Athletics Director, UH Mānoa
   e. Update on Executive Searches

XI. Adjournment
Gifts, Grants, and Contracts

The following gifts, grants, and contracts received by all campuses except the University of Hawai'i at Hilo during the period December 1, 2007 through December 31, 2007 total $14,753,720. The University of Hawai'i at Hilo received a total of $679,877 during the same period.

Gifts, Grants, and Contracts Received December 1-31, 2007

RESEARCH AWARDS

FROM: Dept of Education

1. DOI-Geological Survey
   "National Assessment of Shoreline Change: Historical Shoreline Change and Associated Coastal Land Loss Along Sandy Shorelines of Oahu, Maui and Kaua'i - Modification 1"
   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.
   $9,375

2. DOI-Geological Survey
   "National Assessment of Shoreline Change: Historical Shoreline Change and Associated Coastal Land Loss Along Sandy Shorelines of Oahu, Maui and Kaua'i – Modification 2"
   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.
   $9,375

FROM: DHHS-Dept of Health & Human Services

1. NIH-Nat'l 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.
   $2,000

FROM: DOD-Dept of Defense

1. DOD-Air Force Office of Scientific Research
   "Next-generation Image Restoration for Space Situational Awareness"
   Jefferies, Stuart
   Institute for Astronomy
   Conduct fundamental research into image post-processing methods with the goal of producing a substantial advance in the fidelity and resolution of post-processed imagery for SSA over what is currently achieved.
   $222,747
2. DOD-Dept of Air Force  
"Operations and Management of the Maui Supercomputing Center"  
Lassner, David K  
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.  

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

4. DOD-Dept of Army  
"Cultural Resources Actions in Support of Stryker Brigade at Pohakuloa Training Area, Island of Hawaii"  
Duffy, David  
Botany  
Support the Army's ecosystem management program's efforts to conserve, protect, and enhance the cultural resources at the Pohakuloa Training Area by surveying, recording, and reporting on significant archeological sites.  

5. DOD-Dept of Army  
"Cultural Resources Actions in Support of Stryker Brigade at Oahu Military Reservations Except Makua, Island of Oahu"  
Duffy, David  
Botany  
Support the Army's ecosystem management program's efforts to conserve, protect, and enhance the cultural resources on military reservations on Oahu (except Makua) by surveying, recording, and reporting on significant archeological sites.  

6. DOD-Dept of Army  
"Court Ordered Cultural Resources Actions at Makua Military Reservation, Island of Oahu"  
Duffy, David  
Botany  
Support the Army's ecosystem management program's efforts to conserve, protect, and enhance the cultural resources on Makua Military Reservation on Oahu by surveying, recording, and reporting on significant archeological sites.  

7. DOD-Dept of Defense  
"Sources of Radiation in the Hawaiian Islands with Emphasis for Environmental Excellence (NDCEE) from the University of Hawaii"  
Rubin, Kenneth H  
Geology & Geophys - SOEST  
Define and describe natural radiation sources in specified regions on the islands of Oahu and Hawaii.
8. DOD-Dept of Navy  
"Low Cost High Performance Phased Array Antennas with Beam Steering Capabilities Using an Integrated CTS and Ferroelectric Materials Technologies"  
Iskander, Magdy F  
HCAC (HI Ctr for Advanced  
The proposed project involves the design, fabrication, and testing of an innovative low cost phased antenna arrays with beam steering capabilities for use in UAV to UAV and UAV to surface communications. The requested funds will be used to support graduate students working on the project.

9. DOD-Naval Research Laboratory  
"Dynamics of Tropical Cyclone Intensity Change"  
Li, Tim  
Meteorology - SOEST  
To investigate the role of interactions among tropical cyclone symmetric and asymmetric flows and environmental circulation in change of the tropical cyclone intensity.

FROM: National Science Foundation  
1. National Science Foundation  
"SGER: Measurements of the Velocity Field Associated with Interleaving"  
Richards, Kelvin  
Oceanography - SOEST  
Participation in research cruise of R/V Mirai in July 2008.

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

2. Nat'l Aeronautics & Space Administration  
"The Origin, History, and Distribution of Water and its Relation of Life in the Universe"  
Meech, Karen J  
Institute for Astronomy  
To research the diversity, phylogeny, and genetics of the basal metazoan Trichoplax adhaerens (placozoa) to further our understanding of the origin of complex life on Earth.

FROM: Hawaii- Government Agencies  
1. Hawaii-Dept of Health  
"Remediation of Arsenic in Hawaii Soils: Laboratory and Field Pilot Studies of Phytoremediation"  
Hue, Nguyen V  
Tropical Plant & Soil Science  
Conduct greenhouse and small-scale field trials on how to remove arsenic from soils, using plants such as brake ferns.
2. Hawaii-Dept of Health
"Volcanic Air Pollution and Airway Function, Inflammation, Heart Rate (AIR)"
Tam, Elizabeth K Medicine-MED
Aims are to strengthen a community research infrastructure, monitor air quality in Big Island communities with highest volcanic pollution, test feasibility of measures of lung function, inflammation, and heart rate variability; plan future studies.

3. Hawaii-Dept of Human Services
"Relating to the Evaluation of the UPLINK Program"
Yuen, Sylvia H L Center on the Family Learning, Integrating New Knowledge after-school program in selected middle schools Statewide.

4. Hawaii-Dept of Transportation
"State of Hawaii Vehicle Occupant Protection Studies"
Kim, Karl E Urban & Regional Planning
Observational studies of seat belt use, child safety restraints, truck beds and helmet use. Also, use of hand held cellular phone by drivers.

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

1. Hawaiian Silversword Foundation
"Conservation Work at Keauhou/Kilauea and Kulani"
Duffy, David Botany
Continue forest restoration research and management at Keauhou Ranch, Kilauea Forest, and state lands at the Kulani Correctional Facilities.

2. HCF-Geist Foundation
"Down Regulation of SK Channel Expression in Beta Cells: A Strategy for Enhancing Hormone Secretion"
Andres, Marilou Pacific Biomed Rsrch Cntr
In this proposed project, we will investigate properties of SK potassium channel isoforms: differential expression, interactions (ability to coassemble), functional activities, and potential insulinotropic effects. This study will also allow us to evaluate the potential therapeutic value of targeting specific SK channel isoforms for the treatment of diabetes.

3. HCF-Hawaii Community Foundation - General
"Isolation and Characterization of Cardioactive Compounds from Hawaiian Box Jellyfish Venom"
Yanagihara, Angel A Pacific Biosciences
Recently discovered small potently bioactive amine-class compound(s) with cardiotoxic effects from Hawaiian box jellyfish will be further isolated and characterized.

FROM: Hawaii- Business and Other

1. Hawaii Farm Bureau Federation
"Maui Culinary Academy Value-Added Agricultural Product Research and Development Project"
Speere, Chris Maui CC
To increase capacity of Maui Culinary Academy Research and Development program to contribute to the creation of new value-added food products thereby helping Maui agribusinesses to maintain competitive edge.
<table>
<thead>
<tr>
<th>Project</th>
<th>Budget</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nature Conservancy of Hawaii</td>
<td>$35,000</td>
<td>Conduct geospatial analysis of home range and disturbance patterns of feral pigs based on retrieved data from The Nature Conservancy of Hawaii.</td>
</tr>
<tr>
<td>Research Corp, University of Hawaii</td>
<td>$37,594</td>
<td>Collection, sorting, processing, preliminary identification of crustose coralline red algae in the northern Northwestern Hawaiian Islands.</td>
</tr>
<tr>
<td>Hawaii Medical Service Assoc Foundation</td>
<td>$19,950</td>
<td>Preliminary investigation of heliox gas, delivered via nasal CPAP, in the management of pre-term infants with respiratory distress syndrome.</td>
</tr>
<tr>
<td>Kuakini Medical Cntr</td>
<td>$142,136</td>
<td>To provide pathology services and analysis of autopsy results as part of the on going Honolulu-Asia Aging Study. This award is a subcontract from Kuakini Medical Center to the University of Hawaii.</td>
</tr>
<tr>
<td>Pacific Health Research Institute</td>
<td>$14,027</td>
<td>Subcontract between Pacific Health Research Institute and the University of Hawaii for Dr. David Curb's time as Principal Investigator to oversee responsibility and scientific leadership of the project.</td>
</tr>
<tr>
<td>MedStar Research Institute</td>
<td>$88,849</td>
<td>This study examines the risk factors leading to heart disease in Native Hawaiians. The results of this study will hopefully help determine better ways to identify Native Hawaiians who are at risk for heart disease.</td>
</tr>
</tbody>
</table>
2. The Susan G. Komen Foundation - National
"Building Family Capacity for Hawaiian Women with Breast Cancer: Feasibility"
Mokuau, Noreen K School of Social Work
This proposal request funds to conduct a feasibility study on a culturally-tailored intervention for Native Hawaiian women with breast cancer and their families.

FROM: Mainland- Business

1. Brookhaven National Laboratory $130,000
"US ATLAS Research Program Office for Upgrade R&D"
Parker, Sherwood I Physics & Astronomy
Continuation of the development of silicon pixel radiation sensors designed for the innermost layers of the ATLAS silicon tracking system.

2. Joint Oceanographic Inst Inc (JOI Inc) $5,900
"Shipboard Participant Support IODP Expedition #315"
Fryer, Patricia Haw Inst Marine Bio-SOEST
Participate in ship cruise as geochemist and analyze pore fluids.

3. Northrop Grumman $20,428
"RF Research Support"
Lubecke, Victor Electrical Engineering
The goal of the proposed research is to carry out dynamic thermal and mechanical tests to evaluate the integrity of stacked wafer systems for the NGST SMART architecture, to develop a compatible 94 GHz antenna layer, and to support the NGST heterogeneous integration effort to satisfy program requirements.

4. Novartis Pharmaceuticals Corp $156,800
"Novartis Pharmaceuticals Corporation SPP100E2337 (Altitude)"
Arakaki, Richard F Medicine- MED
A multicenter, randomized, double-blind, placebo-controlled, parallel-group study to determine whether, in patients with type 2 diabetes at high risk for cardiovascular and renal events, aliskiren, on top of conventional treatment, reduces cardiovascular and renal morbidity and mortality.

5. Southwest Research Institute $13,043
"Juno Science Support Phase B Activities"
Owen, Tobias Institute for Astronomy
To provide input to the Juno project on the analysis, modeling and interpretation of the measurements of O/H and N/H on Jupiter of models of Jupiter's formation from the solar nebula and the implications for the other giant planets in our system and other systems.

FROM: Mainland- Health Organizations

1. American Heart Association $97,500
"Synthesis of Fluorescent Peptide Toxins for Cellular Imaging of Ion Channels Detective in LQT Syndromes"
Bingham, Jon-Paul Molecular Biosciences & Various peptide toxins that target specific heart ion channels will be bioengineered to retain bioselectivity as well as contain an introduced chemical label that will allow detection of the toxin, as a receptor-ligand complex. These new probes will facility our abilities to imaging these unique ion channels on the cell's surface.
2. Children’s Hospital of Pittsburgh
"Genetic Screening in Diabetes"
Burgess, Lawrence P A  School of Medicine
His research will investigate the relationship of allelic variations of some genes to the development of complications in Type 2 diabetic patients. Specifically, genetic predisposition to diabetic nephropathy, neuropathy, and retinopathy in Type 2 diabetic patients will be studied. DNA samples will be collected and analyzed.

3. Riverside Research Institute - NY
"Advanced Ultrasonic Evaluation of Sentinel Lymph Nodes"
Machi, Junji  Surgery- MED
Using special advanced ultrasound techniques, we are trying to make a diagnosis of cancer in lymph nodes, which will help pathologists. We focus on sentinel lymph nodes of breast cancer so that diagnosis of lymph node metastasis will be improved in a non-invasive way.

FROM: Mainland- Other

1. Space Telescope Science Institute
"Measuring the Mass Dependence of Early-Type Galaxy Structure"
Bolton, Adam  Institute for Astronomy
This project aims to collect a sample of rare gravitational lens galaxies spanning a wider range in mass than previously available. Since gravitational lensing measures mass directly, the observations will be used to quantify the trends in elliptical galaxy structure as a function of galaxy mass.

2. Space Telescope Science Institute
"A Snapshot Survey of the Most Massive Clusters of Galaxies (3)"
Ebeling, Harald  Institute for Astronomy
Continuation of the SNAPshot survey using Hubble Space Telescope observations to study the shape of galaxy clusters and the mass distribution of the cluster core through the action of gravitational lensing.

FROM: U.S. Universities and Colleges

1. Baylor College of Medicine
"Subcontract to R03, ‘Soy Isoflavone Supplementation and Mammographic Density in Postmenopausal Women,’ PI=William W. Wong, Baylor College of Medicine"
Maskarinec, Gertraud  Cancer Research Center
The goal of this project is to examine the relation between isoflavone supplementation and mammographic densities.

2. California Inst of Technology
"Detecting Transient Surface Features via Dynamic Landmarking"
Schorghofer, Norbert  Institute for Astronomy
Dr. Norbert Schorghofer will perform analysis on Martian dark slope streaks. He will also travel to JPL to coordinate research.
3. Charles R. Drew University
"RCMI Translational Research Network (RTRN)"
Easa, David Dean's Office- MED
The goal of the RTRN is to establish an infrastructure to facilitate translational research in health disparities. Hawaii will be one of the performance sites coordinated by Drew University. Drew University will send a subcontract to UH based on the attached sub-recipient commitment form attached.

4. Univ of Mississippi
"Proposal for University of Hawaii Participation in University of Mississippi's Advanced Acoustic Sensor Technology Exploitation (ASTEC II)"
Garces, Milton Haw Inst Geophys & Planet
Analyze and compare data and modify algorithms from various infrasonic sounds from the Big Island, Southwestern US, Washington, Ecuador.

5. Univ of Washington
"Self-Efficacy and Self-Disclosure of HIV-Positive Serostatus to Sex Partners: A Female Sample"
Sullivan, Kathleen Nursing
Use a survey design and exploratory analysis to examine disclosure of HIV-positive serostatus to sex partners by an ethnically diverse sample of women living in Hawaii and Seattle, Washington.

6. Vanderbilt University
"Association of Antioxidants with Breast Cancer Risk in Chinese Women"
Franke, Adrian A Cancer Research Center
To examine whether urinary phytochemicals and plasma antioxidants are related to markers of breast cancer using samples from a nested case-control study conducted in Shanghai.

FROM: All Non-U.S.

1. Oncolys BioPharma Inc.
"Preclinical In Vitro Studies of OBP-601 in Human HepG2 Hepatoma (Liver) Cells"
Gerschenson, Mariana School of Medicine
Human liver cells (commercially available) will be treated with drugs d4T or AZT and cellular dysfunction will be measured.

2. World Health Organization- United Nations
"Regional Mapping Project"
Qureshi, Kristine School of Nursing
Formulate standardized data collection methodologies, tools, data analysis, procedures for APNLG/regional assessment & mapping exercise of nursing workforce, education, regulations with WHO, other institutions, stakeholders.
NON-RESEARCH AWARDS

FROM: DHHS-Dept of Health & Human Services

1. DHHS-Dept of Health & Human Services $500,000
   "JOB'S MED: Hire Abilities - Hawaii"
   Stodden, Robert A Center on Disability Studies
   Conduct study of employment supports health-care coverage
delivered by DHHS, Vocational Rehabilitation. Project will build an
analysis on creative industries & cultural tourism to expand career
opportunities.

FROM: DOC-Dept of Commerce

1. DOC-Dept of Commerce $50,000
   "Part-time Law School Workforce Development Program
    for Hawaii and the Pacific"
   Soifer, Aviam School of Law
   To develop a part-time law school program to allow qualified people
who seek to attend but cannot attend a full-time program because
they must work full-time to support themselves and their families.

FROM: ED-Dept of Education

1. ED-Dept of Education $180,489
   "Improving Teacher Quality Grants (2008) - SAHES"
   Kingery, Paul CRDG
   Administer grant competition within Hawaii for higher education
projects to improve teacher quality.

FROM: Hawaii- Government Agencies

1. City and County of Honolulu $75,000
   "Team PLUS: On-Premise Alcohol Sales Survey"
   Albright, Cheryl Cancer Research Center
   This contract is to conduct a survey to determine the rate of alcohol
sales to underage youth who order alcohol in on-premise locations
on Oahu (e.g. restaurants, bars, and clubs).

2. County of Kauai $20,000
   "Kauai Economic Data Update"
   Gangnes, Byron Social Science Rsrch Inst
   Create and maintain a comprehensive statistical database for Kauai,
to be presented in a web-based, on-line format, in tabular and
graphical form, that can be downloaded and printed as a databook;
prepare brief Kauai Economic Outlook Summary; consultation.

3. County of Maui $60,000
   "Maui County Aquaculture Extension Program"
   Howerton, Robert D Sea Grant - SOEST
   The major goals of the Maui County Aquaculture Extension Program
include Continue work to establish a viable aquaculture industry in
Maui County and develop aquaculture education. Incorporate
sustainable culture techniques that result in cost effective production
for aquaculture. Disseminate aquaculture information to the
general public.
4. County of Maui
   "Expansion of Allied Health Programs at Maui Community College"
   Johnson, Nancy K
   Maui CC
   Funds will be used to expand the Career Ladder Nursing Program and initiate an Associate Degree Dental Hygiene Program at Maui Community College.

5. DLNR-Division of Aquatic Resources
   "Living Reef Website Maintenance"
   Hamnett, Michael P
   Social Science Rsrch Inst
   The website technician will work 300 hours maintaining the Hawaii Living Reef website. He will work directly with DAR staff. Updates may include the CRON newsletters and modifying pages.

6. Halau Ku Mana Public Charter School
   "Mana Moali - Halau Ku Mana Native Hawaii Education Grant"
   Yuen, JoAnn
   Center on Disability Studies
   Creating Futures shall provide curriculum development, documentation and testing through observation and writing and support for teacher training and professional development for Lo'I and Kaikaina I and II modules.

7. Hawaii-Dept of Commerce and Consumer
   "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).

8. Hawaii-Dept of Defense
   "Memorandum of Agreement for "Homeowner's Handbook to Prepare for Natural Hazards"
   Okimoto, Darren
   Sea Grant - SOEST
   Printing of 10,000 copies of the "Homeowner's Handbook to Prepare for Natural Hazards."

9. Hawaii-Dept of Health
   "Adult Clinical and Admin Services ASO Log No. 06-139"
   Hishinuma, Earl
   Psychiatry- MED
   Provide psychiatric services and consultation to the Department of Health, Adult Mental Health division as outlined in the scope of services in the contract.

10. Hawaii-Dept of Land & Natural Resources
    "Kauai Coqui Frog Response and Eradication Effort"
    Duffy, David
    Botany
    Contain the one known Coqui frog population on Kauai and attempt to eradicate the invasive pest.

11. Hawaii-Dept of Transportation
    "Hawaii Local Technical Assistance Program (CY2005-2010)"
    Papacostas, C S
    Civil and Environmental
    Provide technology transfer to local transportation agencies.
12. Hawaii-Executive Office on Aging
"Producing and Disseminating "Deciding What if Booklet"

Pietsch, James H School of Law
University of Hawaii Elder Law Program will produce and disseminate copies of "Deciding What If" handbook to the counties of Kauai, Honolulu and Maui.

13. Maui-Off of Economic Development
"UH-CTAHR Extension and Research Projects in Maui County FY2008"

Keyser, Harold HITAHR - Maui - CTAHR
Conduct extension and research activities by CTAHR faculty in Maui County that benefit the agricultural community, enhance the environment, and promote healthy communities.

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

1. Coalition for a Tobacco Free Hawaii
"Make It Your Business, Phase I"

Braun, Kathryn L Public Health Sciences
To develop tools for and educate businesses in helping workers quit smoking.

2. HCF-Hawaii Community Foundation - General
"Center for Excellence in Native Hawaiian Law, Kukuluholo Initiative"

Soifer, Aviam School of Law
Kukuluholo Initiative: Capacity building in implement the Center for Excellence in NH Law's strategic plan.

FROM: Hawaii- Business and Other

1. Hawaiian Electric Co Inc
"Maui Electrical System Analysis"

Rocheleau, Richard E Haw Nat Energy Inst -SOEST
Collect data and perform preliminary analysis of the suitability of this data for future model (MAPS and PSLF models) development of the Maui Electric Company (MECO) grid. These models will provide valuable insights.

2. Papa Ola Lokahi
"Imi Hale Native Cancer Research and Training center"

Gotay, Carolyn C Cancer Research Center
To participate in research and training to address cancer control in Native Hawaiians.

3. Queen Emma Land Company
"Salary, Fringe Benefit & Malpractice Insurance Reimbursement Agreement - FY2007, Agreement No. SF07-QEF-MED"

Tam, Elizabeth K Medicine- MED
Salary, Fringe Benefit & Malpractice reimbursement agreement to provided physician and physician related services for FY 2007.
FROM: Hawaii- Health Organizations

1. Univ. Clinical, Education & Research Assoc. $755,799
"Salary, Fringe Benefit & Malpractice Reimbursement Agreement SF07-UCERA-SURG, Modification 1"
Takanishi, Danny M. Surgery- MED
Salary, Fringe Benefit, & Malpractice reimbursement agreement to provide physician and physician related services for FY 2007.

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

1. Chinese Language Teachers Association $22,400
"Chinese Language Teachers Association (CLTA)"
Ning, Cynthia Y Chinese Studies- SHAPS
Handles accounts, records and general communication (national and international) of the Chinese Language Teachers Association.

2. National Marine Sanctuary Foundation $25,000
"Learning Ocean Science Through Ocean Exploration Professional Development"
Heckman, Mark SVP - Research & Grad Ed.
Performance of two professional development workshops and marine educator evening events to support educators in the use of the NMSF Ocean Exploration program (curricula, web site and resources); includes training, evaluation, and introduction to local resources that relate to the curricula.

FROM: U.S. Universities and Colleges

1. Kansas State $30,000
"Military 4-H Grant"
Nakatsuka, Claire M College of Tropical Ag & The Hawaii 4-H Military project focus for 2007-08 will be to sustain Army and Air Force School-Age clubs and Army and Air Force teen participation in 4-H projects and continue to build working relationships with National Guard and Army Reserves youth programs as well as other armed services branches.

2. Univ of California- Davis $5,000
"A Series of IPM Workshops for Turfgrass Managers in Hawaii"
Brosnan, James T. Tropical Plant & Soil Science
In May 2007, turfgrass managers convened in Honolulu, HI to participate in a pest management strategic planning (PMSP) workshop for Hawaii and Guam. Needs of the Pacific turfgrass industry to be included in the PMSP were discussed at this workshop. Stakeholders identified the need for additional educational opportunities focusing on turfgrass IPM practices as critical.

3. Univ of Washington $1,739
"Northwest Alliance Access"
Stodden, Robert A Center on Disability Studies
Review promising practices and disability stats related to people with disabilities pursuing sciences and technology studies and careers.
4. **Utah State University**
   "Virtual Field Days to Improve Farmer-Researcher-Extension Linkages"
   Deenik, Jonathan  
   Tropical Plant & Soil Science
   Hold a video-workshop with researchers, extension and farmer/rancher clients to design future research. Deliver research results with innovative "virtual field tours."

FROM: All Non-U.S.

1. **CNMI Governor’s Council on DD (Northern CNMI Family Service Center (FSC))**
   Stodden, Robert A  
   Center on Disability Studies
   Provide training and support for staff, family members, and local service providers. Develop FSC publications. Plan annual family support conferences. Evaluate family services and training. Disseminate information about CNMI FSC. Develop local financial and systems supports.

2. **Government of American Samoa**
   "PBCP - ASG Labor Pool Study - Phase 1"
   Rota, Michael T  
   Office, VP Community Coll.
   The PBCP will be conducting a labor pool study to assess availability of workers who live in or would relocate to work in American Samoa for a call center that may be started there.

3. **Japan Agency for Marine-Earth Science and "Arrangement of Historical Observation Dataset for Philippines Meteorological Stations II"**
   Xie, Shang-Ping  
   Meteorology - SOEST
   To duplicate the "Philippine Weather Bureau Reports" from 1904 to 1938.

4. **Ludwig-Maximilian-University**
   "Procurement of Infrared Detector Arrays"
   Hodapp, Klaus W  
   Institute for Astronomy
   UH offers to purchase focal plane arrays and application specific integrated circuits from Teledyne, obtain licenses, and store devices on behalf of sponsor, and in anticipation of subsequent contract to test devices, and develop an infrared camera for sponsor.

5. **Republic of the Marshall Islands**
   "Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract From RMI MOH)"
   Palafox, Neal A  
   Fam Prac & Comm Hlth-
   Implement the Pacific Regional Comprehensive Cancer Control Program in conjunction with the USAPI jurisdictions; develop a shared cancer resource for use by the jurisdictions; conduct relevant training for health providers; build capacity and policies relevant to cancer control.

6. **The German Institute for Geosciences & Natural R/V Kilo Moana German Cruise 2008**
   Taylor, Brian  
   Sch Ocean,Earth Sci & Tec
   45 Day Time-Charter of R/V Kilo Moana for research by German Government.
Funds Received from UH Foundation

NON-RESEARCH AWARDS

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

1. Univ of Hawaii Foundation
   "Technician Support for 2007 Pauley Summer Program"
   Gates, Ruth  Haw Inst Marine Bio-SOEST
   To transfer personnel support from UHF account 124-9630-4 to ORS
   to reimburse start-up account that was charged initially to expedite
   the hire.

   1. Univ of Hawaii Foundation
   "Economic Impact Study, 2007 Update"
   Johnsrud, Linda  Planning & Policy
   To pay for $5,000 in faculty overload for David Hammes' work on UH
   System Economic Impact Study, 2007 Update.

2. Univ of Hawaii Foundation
   "Luce Foundation East Asian Archeology and Early
   History Initiative"
   Stark, Miriam T  Anthropology
   This agreement between University of Hawaii Foundation [via Luce
   Foundation] and University of Hawaii shall be initiated from UHF
   Account # 125-0030-4 to accommodate salary and fringe benefit
   expenses for University of Hawaii employee, Tianlong Jiao, whose
   job description is Assistant Professor (0.25% Asian Archeologist).
## SUMMARY

### EXTRAMURAL RESEARCH AWARDS,

#### DISTRIBUTION BY SPONSORS

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept of Education</td>
<td>2</td>
<td>$18,750</td>
<td>0.31</td>
</tr>
<tr>
<td>DHHS-Dept of Health &amp; Human Services</td>
<td>1</td>
<td>$2,000</td>
<td>0.03</td>
</tr>
<tr>
<td>DOD-Dept of Defense</td>
<td>9</td>
<td>$2,235,557</td>
<td>36.55</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>1</td>
<td>$17,471</td>
<td>0.29</td>
</tr>
<tr>
<td>Nat'l Aeronautics &amp; Space Administration</td>
<td>2</td>
<td>$352,785</td>
<td>5.77</td>
</tr>
<tr>
<td>Hawaii- Government Agencies</td>
<td>4</td>
<td>$378,703</td>
<td>6.19</td>
</tr>
<tr>
<td>Hawaii- Associations, Foundations, Societies, etc.</td>
<td>3</td>
<td>$215,250</td>
<td>3.52</td>
</tr>
<tr>
<td>Hawaii- Business and Other</td>
<td>3</td>
<td>$104,960</td>
<td>1.72</td>
</tr>
<tr>
<td>Hawaii- Health Organizations</td>
<td>4</td>
<td>$200,865</td>
<td>3.28</td>
</tr>
<tr>
<td>Mainland- Associations, Foundation, Soc, etc.</td>
<td>2</td>
<td>$388,677</td>
<td>6.35</td>
</tr>
<tr>
<td>Mainland- Business</td>
<td>5</td>
<td>$326,171</td>
<td>5.33</td>
</tr>
<tr>
<td>Mainland- Health Organizations</td>
<td>3</td>
<td>$378,500</td>
<td>6.19</td>
</tr>
<tr>
<td>Mainland- Other</td>
<td>2</td>
<td>$163,668</td>
<td>2.68</td>
</tr>
<tr>
<td>U.S. Universities and Colleges</td>
<td>6</td>
<td>$1,226,174</td>
<td>20.05</td>
</tr>
<tr>
<td>All Non-U.S.</td>
<td>2</td>
<td>$106,641</td>
<td>1.74</td>
</tr>
<tr>
<td></td>
<td><strong>49</strong></td>
<td><strong>$6,116,172</strong></td>
<td><strong>100.00</strong></td>
</tr>
</tbody>
</table>
### SUMMARY

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

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHHS-Dept of Health &amp; Human Services</td>
<td>1</td>
<td>$500,000</td>
<td>5.79</td>
</tr>
<tr>
<td>DOC-Dept of Commerce</td>
<td>1</td>
<td>$50,000</td>
<td>0.58</td>
</tr>
<tr>
<td>ED-Dept of Education</td>
<td>1</td>
<td>$180,489</td>
<td>2.09</td>
</tr>
<tr>
<td>Hawaii- Government Agencies</td>
<td>13</td>
<td>$4,330,790</td>
<td>50.14</td>
</tr>
<tr>
<td>Hawaii- Associations, Foundations, Societies, etc.</td>
<td>5</td>
<td>$85,924</td>
<td>0.99</td>
</tr>
<tr>
<td>Hawaii- Business and Other</td>
<td>3</td>
<td>$364,350</td>
<td>4.22</td>
</tr>
<tr>
<td>Hawaii- Health Organizations</td>
<td>1</td>
<td>$755,799</td>
<td>8.75</td>
</tr>
<tr>
<td>Mainland- Associations, Foundation, Soc, etc.</td>
<td>2</td>
<td>$47,400</td>
<td>0.55</td>
</tr>
<tr>
<td>U.S. Universities and Colleges</td>
<td>4</td>
<td>$61,739</td>
<td>0.71</td>
</tr>
<tr>
<td>All Non-U.S.</td>
<td>6</td>
<td>$2,261,057</td>
<td>26.18</td>
</tr>
<tr>
<td></td>
<td>37</td>
<td>$8,637,548</td>
<td>100.00</td>
</tr>
</tbody>
</table>
**YEAR-TO-DATE SUMMARY**
**EXTRAMURAL RESEARCH AWARDS,**
**DISTRIBUTION BY SPONSORS**

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>18</td>
<td>$1,880,581</td>
<td>1.70</td>
</tr>
<tr>
<td>Dept of Education</td>
<td>26</td>
<td>$1,717,149</td>
<td>1.55</td>
</tr>
<tr>
<td>DHHS-Dept of Health &amp; Human Services</td>
<td>58</td>
<td>$33,679,012</td>
<td>30.36</td>
</tr>
<tr>
<td>DOC-Dept of Commerce</td>
<td>51</td>
<td>$22,866,496</td>
<td>20.61</td>
</tr>
<tr>
<td>DOD-Dept of Defense</td>
<td>69</td>
<td>$13,991,718</td>
<td>12.61</td>
</tr>
<tr>
<td>DOE-Dept of Energy</td>
<td>9</td>
<td>$1,358,309</td>
<td>1.22</td>
</tr>
<tr>
<td>ED-Dept of Education</td>
<td>1</td>
<td>$300,000</td>
<td>0.27</td>
</tr>
<tr>
<td>Environmental Protection Agency</td>
<td>2</td>
<td>$173,601</td>
<td>0.16</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>63</td>
<td>$14,833,393</td>
<td>13.37</td>
</tr>
<tr>
<td>Nat'l Aeronautics &amp; Space Administration</td>
<td>39</td>
<td>$3,381,859</td>
<td>3.05</td>
</tr>
<tr>
<td>Independent Federal Agencies- Minor</td>
<td>1</td>
<td>$120,000</td>
<td>0.11</td>
</tr>
<tr>
<td>Hawaii- Government Agencies</td>
<td>47</td>
<td>$4,393,185</td>
<td>3.96</td>
</tr>
<tr>
<td>Hawaii- Associations, Foundations, Societies, etc.</td>
<td>32</td>
<td>$1,289,607</td>
<td>1.16</td>
</tr>
<tr>
<td>Hawaii- Business and Other</td>
<td>20</td>
<td>$1,293,726</td>
<td>1.17</td>
</tr>
<tr>
<td>Hawaii- Health Organizations</td>
<td>6</td>
<td>$235,130</td>
<td>0.21</td>
</tr>
<tr>
<td>Mainland- Associations, Foundation, Soc, etc.</td>
<td>14</td>
<td>$841,155</td>
<td>0.76</td>
</tr>
<tr>
<td>Mainland- Business</td>
<td>26</td>
<td>$1,688,098</td>
<td>1.52</td>
</tr>
<tr>
<td>Mainland- Health Organizations</td>
<td>5</td>
<td>$441,087</td>
<td>0.40</td>
</tr>
<tr>
<td>Mainland- Other</td>
<td>26</td>
<td>$1,636,685</td>
<td>1.48</td>
</tr>
<tr>
<td>U.S. Universities and Colleges</td>
<td>45</td>
<td>$4,042,255</td>
<td>3.64</td>
</tr>
<tr>
<td>All Non-U.S.</td>
<td>9</td>
<td>$472,338</td>
<td>0.43</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>3</td>
<td>$288,422</td>
<td>0.26</td>
</tr>
<tr>
<td></td>
<td><strong>570</strong></td>
<td><strong>$110,923,806</strong></td>
<td><strong>100.00</strong></td>
</tr>
</tbody>
</table>
### YEAR-TO-DATE SUMMARY

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

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>11</td>
<td>$2,799,559</td>
<td>3.15</td>
</tr>
<tr>
<td>Dept of Education</td>
<td>10</td>
<td>$679,511</td>
<td>0.76</td>
</tr>
<tr>
<td>DHHS-Dept of Health &amp; Human Services</td>
<td>30</td>
<td>$16,100,449</td>
<td>18.12</td>
</tr>
<tr>
<td>DOC-Dept of Commerce</td>
<td>13</td>
<td>$1,543,238</td>
<td>1.74</td>
</tr>
<tr>
<td>DOD-Dept of Defense</td>
<td>6</td>
<td>$2,242,714</td>
<td>2.52</td>
</tr>
<tr>
<td>ED-Dept of Education</td>
<td>42</td>
<td>$17,178,925</td>
<td>19.33</td>
</tr>
<tr>
<td>HUD-Dept of Housing &amp; Urban Development</td>
<td>2</td>
<td>$1,381,247</td>
<td>1.55</td>
</tr>
<tr>
<td>Environmental Protection Agency</td>
<td>1</td>
<td>$14,114</td>
<td>0.02</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>9</td>
<td>$2,745,354</td>
<td>3.09</td>
</tr>
<tr>
<td>Nat'l Aeronautics &amp; Space Administration</td>
<td>6</td>
<td>$723,646</td>
<td>0.81</td>
</tr>
<tr>
<td>Independent Federal Agencies- Minor</td>
<td>5</td>
<td>$663,720</td>
<td>0.75</td>
</tr>
<tr>
<td>Hawaii- Government Agencies</td>
<td>61</td>
<td>$22,891,402</td>
<td>25.76</td>
</tr>
<tr>
<td>Hawaii- Associations, Foundations, Societies, etc.</td>
<td>53</td>
<td>$3,929,072</td>
<td>4.42</td>
</tr>
<tr>
<td>Hawaii- Business and Other</td>
<td>18</td>
<td>$2,011,947</td>
<td>2.26</td>
</tr>
<tr>
<td>Hawaii- Health Organizations</td>
<td>21</td>
<td>$9,284,064</td>
<td>10.45</td>
</tr>
<tr>
<td>Mainland- Associations, Foundation, Soc, etc.</td>
<td>15</td>
<td>$908,239</td>
<td>1.02</td>
</tr>
<tr>
<td>Mainland- Business</td>
<td>2</td>
<td>$229,330</td>
<td>0.26</td>
</tr>
<tr>
<td>Mainland- Health Organizations</td>
<td>1</td>
<td>$20,000</td>
<td>0.02</td>
</tr>
<tr>
<td>Mainland- Other</td>
<td>8</td>
<td>$253,271</td>
<td>0.28</td>
</tr>
<tr>
<td>U.S. Universities and Colleges</td>
<td>16</td>
<td>$757,897</td>
<td>0.85</td>
</tr>
<tr>
<td>All Non-U.S.</td>
<td>12</td>
<td>$2,453,795</td>
<td>2.76</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>1</td>
<td>$56,270</td>
<td>0.06</td>
</tr>
<tr>
<td></td>
<td>343</td>
<td>$88,867,763</td>
<td>100.00</td>
</tr>
</tbody>
</table>
PURSUANT TO BOARD OF REGENTS’ POLICY, CHAPTER 8-1C
SUBMISSION OF CONSULTANT SERVICES CONTRACT
EXCEEDING $100,000 FOR BOARD APPROVAL

Description: Consultant services contract to conduct a financial and compliance audit of the University of Hawai‘i, and financial audits of the University of Hawai‘i Bond System and Intercollegiate Athletics.

Contractor: Accuity, LLP

Amount: 1st year – Consolidated Financial Statement Audit - $304,107
OMB Circular A-133 Compliance Audit - $363,379
University Bond System Audit - $90,765
Manoa Athletics Audit and NCAA Agreed-Upon Procedures - $58,749
$817,000

2nd year – Consolidated Financial Statement Audit - $316,484
OMB Circular A-133 Compliance Audit - $377,909
University Bond System Audit - $94,474
Manoa Athletics Audit and NCAA Agreed-Upon Procedures - $61,133
$850,000

3rd year – Consolidated Financial Statement Audit - $328,829
OMB Circular A-133 Compliance Audit - $392,437
University Bond System Audit - $98,195
Manoa Athletics Audit and NCAA Agreed-Upon Procedures - $63,539
$883,000

Term: Audit services for fiscal years ending June 30, 2008 thru June 30, 2010

Campus: UH System, Office of the Vice President for Budget & Finance

Fund Source: Revolving, Special, General

Recommendation: The Board of Regents’ Committee on University Audits voted, at its meeting on February 22, 2008, to recommend approval of this contract by the Board and to authorize the University to finalize and execute a contract in accordance with the terms above.
Large Awards Received 01/01/2008 - 31/01/2008 by Colleges - Units

<table>
<thead>
<tr>
<th>RESEARCH</th>
<th>Funding Amount</th>
<th>Project Title</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>$800,000 Keil, Klaus</td>
<td></td>
<td>$800,000 Keil, Klaus</td>
<td>Nat'l Aeronautics &amp; Space Administration</td>
</tr>
<tr>
<td>$662,825 Gerschenson, Mariana</td>
<td></td>
<td>$662,825 Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms</td>
<td>NIH-Nat'l Inst of Allergy &amp; Infectious Diseases</td>
</tr>
<tr>
<td>$629,301 Duffy, David</td>
<td></td>
<td>$629,301 Detection and Control of Invasive Species in Maui County: FY 08</td>
<td>Hawaii-Dept of Land &amp; Natural Resources</td>
</tr>
<tr>
<td>$391,000 Duffy, David</td>
<td></td>
<td>$391,000 Detection and Control of Invasive Species on the Island of Hawaii: FY 08</td>
<td>Hawaii-Dept of Land &amp; Natural Resources</td>
</tr>
<tr>
<td>$384,239 Duffy, David</td>
<td></td>
<td>$384,239 Detection and Control of Invasive Species on Oahu</td>
<td>Hawaii-Dept of Land &amp; Natural Resources</td>
</tr>
<tr>
<td>$343,243 Duffy, David</td>
<td></td>
<td>$343,243 Kauai Alien Pest Response Effort</td>
<td>Hawaii-Dept of Land &amp; Natural Resources</td>
</tr>
<tr>
<td>$315,000 Grau, E Gordon</td>
<td></td>
<td>$315,000 Modulation by Gonadal Steroid Hormones of the Effects of Growth Hormone, Prolactin and Somatolactin on Somatic Growth and Reproduction</td>
<td>DA-Dept of Agriculture</td>
</tr>
<tr>
<td>$300,000 Symos, Vassilis L</td>
<td></td>
<td>$300,000 Hawaii Underwater Chemical Munitions Survey Plan</td>
<td>Concurrent Technologies Corporation</td>
</tr>
<tr>
<td>$285,728 Houghton, Bruce</td>
<td></td>
<td>$285,728 Powerful Silicic Explosive Volcanism: Understanding Abrupt Eruption Shifts in Style and Intensity in the 181 AD Taupo Eruption</td>
<td>National Science Foundation</td>
</tr>
<tr>
<td>$270,499 Derauf, D Christian</td>
<td></td>
<td>$270,499 Prenatal Methamphetamine Exposure and School Aged Outcome (IDEAL II)</td>
<td>Women &amp; Infants Hospital of Rhode Island</td>
</tr>
</tbody>
</table>
DATE 26-Feb-2008
Large Awards Received 01/01/2008 - 31/01/2008 by Colleges - Units

$259,609 Presting, Gernot
From: Univ of Georgia
"Functional Genomics of Maize Centromeres"
Molecular Biosciences & Bioengineering

$258,365 Clarke, Antony D
From: National Science Foundation
"VOCALS: Airborne Measurements of Aerosol Dynamics and Evolution"
Oceanography - SOEST

$256,000 Syrmos, Vassilis L
From: DOD-Dept of Navy
"Detection Methods of Counter Improvised Explosive Devices (C-IED)"
Vice Chancellor Research

$251,606 Miller, Eric
From: MVSystems, Inc.
"Photoelectrochemical Hydrogen Production"
Haw Nat Energy Inst -SOEST

$251,445 Deenik, Jonathan
From: Oahu Resource Conservation and Development
"Evaluating Cover Crop Effects on Soil Quality, Insect Population Dynamics, and Economic Return for Diversified Farms in Hawaii"
Tropical Plant & Soil Science

$250,000 Cheung, Kwok F
From: Hawaii-Civil Defense Division
"Tsunami Inundation Map for Hawaii"
Ocean & Resources Engineering - SOEST

$233,159 Shikuma, Cecilia M
From: National Institutes of Health
"Hawaii ACTU - Adult Therapeutic Clinical Trials Program"
Medicine- MED

$222,716 Flament, Pierre J
From: DOD-Dept of Navy
"Radar Remote Sensing of the Mesoscale Flow Through Straits of the Philippines Archipelago"
Oceanography - SOEST

$221,728 Businger, Steven
From: DOD-Naval Research Laboratory
"Long-Range Lightning Detection over the Western Pacific Ocean"
Meteorology - SOEST

$210,395 Carbone, Michele
From: NIH-Natl Cancer Institute (NCI)
"Role of Cell Mediators in Asbestos - SV40 Carcinogenesis"
Cancer Research Center

$200,000 Sherwood, Alison
From: National Science Foundation
"Biodiversity of Hawaiian Rhodophyta: Morphological Vouchers, DNA Archival and Sequence Diversity Assessment"
Botany
DATE 26-Feb-2008
Large Awards Received 01/01/2008 - 31/01/2008 by Colleges - Units

$199,997 Sharma, Sangita Cancer Research Center
From: American Diabetes Association, Inc
"Intervention for a Chronic Disease Epidemic: Community Health Initiatives and Promotion Strategies for Diabetes Prevention (ICE CHIPS) in Native NA's"

$196,080 Theriault, Andre G Medical Technology- MED
From: NIH-Nat'l Center for Complementary & Alternative Medicine
"Cruciferous Indoles in the Amelioration of the Metabolic Syndrome"

$195,220 Ozaki, Rebecca Center on Disability Studies
From: Hawaii-Dept of Human Services
"Money Follow the Person - Going Home Plus"

$172,000 Duffy, David Botany
From: Hawaii-Dept of Land & Natural Resources
"Endangered Maui Forest Bird Population Research and Management: Phase 12"

$170,000 Wright, Robert Haw Inst Geophys & Planet
From: University of Alabama in Huntsville
"Incremental Learning Methods for Energy Estimates of Production Facilities and Natural Events"

$152,637 Duffy, David Botany
From: Hawaii-Dept of Land & Natural Resources
"Coordination and Planning of Programmatic Habitat Conservation Plan for Endangered and Threatened Seabirds on Kauai, Hawaii"

$150,000 Jensen, Craig M Chemistry
From: DOE-Dept of Energy
"I. Structural and Mechanistic Studies of Doped Alanates; II. Kinetic Enhancement of Thermodynamically Tuned, High Capacity, Reversible Metal Hydrides"

$150,000 Ravizza, Gregory E Geology & Geophys - SOEST
From: American Chemical Society - Petroleum Res Fund
"A Refined Chronology of Late Eocene to Late Oligocene Coral Reefs: Implications for Coral Calcification Under a Regime"

$139,840 Alvarez, Anne M Plant & Environmental Protection Sci
From: Univ of Wisconsin- Milwaukee
"Ralstonia Solanacearum Race 3 biovar 2: Detection, Exclusion, and Analysis of a Select Agent Pathogen"

$138,850 Wright, Robert Haw Inst Geophys & Planet
From: Nat'l Aeronautics & Space Administration
"Improved Detention and Monitoring of Volcanic Activity Using MODIS"
DATE 26-Feb-2008

Large Awards Received 01/01/2008 - 31/01/2008 by Colleges - Units

$130,000 Martindale, Mark Q
From: National Science Foundation
"Functional Approaches to the Origin of the Bilaterally Symmetrical Body Plan in Animal Development"

$123,973 Lemer, Darren T.
From: DA-Dept of Agriculture
"Determining the Mechanisms of Environmental Salinity and Gonadal Steroid Hormones on the Growth Hormone/Insulin... Fellow-D.Lerner"

$123,167 Hammer, Julia E
From: National Science Foundation
"CAREER: Crystallization Kinetics in Volcanology"

$121,784 Ooi, Phillip S K
From: Hawaii-Dept of Transportation
"Application of Recycled Materials in Highway Projects"

$120,000 Hall, Donald N B
From: Nat'l Aeronautics & Space Administration
"Characterization of Hg: Cd: Te Avalanche Photo Diode Arrays: A Path to an Infrared Photon Counting Array"

$119,315 Teng, Michelle H
From: Hawaii-Dept of Transportation
"Enhanced Hydraulics Design for Highway Bridges and Culverts"

$117,640 Shikuma, Cecilia M
From: Univ of California - San Francisco
"Macrophage Targeted Therapy for HAD and HIV Disease (UH Subcontract for UCSF Project) [RFA-AI-06-009; Novel HIV Therapies: Integrated Preclinical..."

$112,865 Roussev, Ilia I.
From: Nat'l Aeronautics & Space Administration
"NASA Roses-2005 NRA Living with a Star"

$100,000 Gaines, James R
From: Raytheon Company
"Pacific Disaster Center Real-time Sharing of Hazard Data"

$100,000 Meech, Karen J
From: Nat'l Aeronautics & Space Administration
"The Origin, History, and Distribution of Water and its Relation of Life in the Universe"

TOTAL RESEARCH 42 $10,388,027
<table>
<thead>
<tr>
<th>Amount</th>
<th>Name</th>
<th>Organization</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$630,000</td>
<td>Solfer, Aviam</td>
<td>School of Law</td>
<td>&quot;Center for Excellence in Native Hawaiian Law Na'au Pono Initiative&quot;</td>
</tr>
<tr>
<td>$624,529</td>
<td>Hishinuma, Earl</td>
<td>Psychiatry- MED</td>
<td>&quot;Adult Residency Contract, ASO Log No. 06-140&quot;</td>
</tr>
<tr>
<td>$450,486</td>
<td>Nishijima, Wayne T</td>
<td>College of Tropical Ag &amp; Human Res</td>
<td>&quot;Hawaiian Home Land Agriculture Education Program&quot;</td>
</tr>
<tr>
<td>$284,110</td>
<td>Sakamoto, Clyde</td>
<td>Maui CC</td>
<td>&quot;Po'okela Project, Maui Community College&quot;</td>
</tr>
<tr>
<td>$262,301</td>
<td>Nishiguchi, Earl K</td>
<td>Kauai CC</td>
<td>&quot;Oihana, Native Hawaiian Career &amp; Technical Education Project&quot;</td>
</tr>
<tr>
<td>$250,000</td>
<td>Sakamoto, Clyde</td>
<td>Maui CC</td>
<td>&quot;Maui Community Care Corps - Developing Long Term care Work Force&quot;</td>
</tr>
<tr>
<td>$246,400</td>
<td>Mau, Marjorie K</td>
<td>Native Hawaiian Health- MED</td>
<td>&quot;Myron Pinky Thompson Chair&quot;</td>
</tr>
<tr>
<td>$238,562</td>
<td>Tagawa, Michael</td>
<td>Leeward CC</td>
<td>&quot;Ho'oulu Project&quot;</td>
</tr>
<tr>
<td>$231,998</td>
<td>Lee, Mona</td>
<td>Kapiolani CC</td>
<td>&quot;Native Hawaiian Career and Technical Education Project, PY 2007-2008&quot;</td>
</tr>
<tr>
<td>$207,946</td>
<td>Matsui, Sandy</td>
<td>Honolulu CC</td>
<td>&quot;Native Hawaiian Career Technical Education Program - Poina Nalu&quot;</td>
</tr>
<tr>
<td>$200,000</td>
<td>Rocheleau, Richard E</td>
<td>Haw Nat Energy Inst -SOEST</td>
<td>&quot;Assessment of Renewable Portfolio Standard Goals&quot;</td>
</tr>
<tr>
<td>$190,462</td>
<td>Murakami, Violet</td>
<td>Hawaii CC</td>
<td>&quot;Native Hawaiian Digital Arts Project&quot;</td>
</tr>
</tbody>
</table>
**DATE 26-Feb-2008**

Large Awards Received 01/01/2008 - 31/01/2008 by Colleges - Units

<table>
<thead>
<tr>
<th>Amount</th>
<th>Recipient</th>
<th>Department/Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>$150,000</td>
<td>Quemuel, Christine</td>
<td>Stdnt, Eqty, Excel &amp; Div. &quot;Sexual Violence Prevention Project&quot;</td>
</tr>
<tr>
<td>$142,200</td>
<td>Pagotto, Louise</td>
<td>Kapiolani CC &quot;Provision of an Associate in Science Degree Program&quot;</td>
</tr>
<tr>
<td>$104,500</td>
<td>Matsuoka, Jon K</td>
<td>School of Social Work &quot;Native Hawaiian MSW Stipend Program&quot;</td>
</tr>
</tbody>
</table>

**TOTAL NON-RESEARCH**  
15 $4,213,494

**GRAND TOTAL**  
57 $14,601,521
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL</td>
<td>60</td>
<td>$7,664,280</td>
<td>84</td>
<td>$29,565,496</td>
<td>57</td>
<td>$17,328,111</td>
<td>180</td>
<td>$38,888,133</td>
<td>124</td>
<td>$19,103,183</td>
<td>151</td>
<td>$34,460,123</td>
</tr>
<tr>
<td>SEP</td>
<td>158</td>
<td>$29,493,251</td>
<td>158</td>
<td>$28,306,440</td>
<td>327</td>
<td>$75,615,303</td>
<td>246</td>
<td>$67,122,741</td>
<td>250</td>
<td>$50,144,678</td>
<td>235</td>
<td>$62,412,954</td>
</tr>
<tr>
<td>OCT</td>
<td>244</td>
<td>$55,560,823</td>
<td>178</td>
<td>$47,304,177</td>
<td>172</td>
<td>$32,217,901</td>
<td>119</td>
<td>$27,678,810</td>
<td>125</td>
<td>$28,927,275</td>
<td>107</td>
<td>$24,081,587</td>
</tr>
<tr>
<td>NOV</td>
<td>100</td>
<td>$18,039,712</td>
<td>134</td>
<td>$22,221,048</td>
<td>80</td>
<td>$8,245,649</td>
<td>136</td>
<td>$23,199,046</td>
<td>90</td>
<td>$10,344,021</td>
<td>111</td>
<td>$15,732,625</td>
</tr>
<tr>
<td>DEC</td>
<td>95</td>
<td>$18,701,748</td>
<td>108</td>
<td>$15,081,434</td>
<td>75</td>
<td>$11,161,598</td>
<td>77</td>
<td>$11,582,388</td>
<td>93</td>
<td>$22,550,415</td>
<td>86</td>
<td>$14,753,720</td>
</tr>
<tr>
<td>JAN</td>
<td>70</td>
<td>$10,971,229</td>
<td>98</td>
<td>$10,214,544</td>
<td>100</td>
<td>$20,786,378</td>
<td>80</td>
<td>$8,587,229</td>
<td>80</td>
<td>$19,986,851</td>
<td>121</td>
<td>$17,303,030</td>
</tr>
<tr>
<td>FEB</td>
<td>90</td>
<td>$16,348,781</td>
<td>125</td>
<td>$17,870,438</td>
<td>84</td>
<td>$11,076,569</td>
<td>73</td>
<td>$17,581,986</td>
<td>97</td>
<td>$9,664,806</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAR</td>
<td>97</td>
<td>$20,788,257</td>
<td>96</td>
<td>$24,141,106</td>
<td>96</td>
<td>$30,532,407</td>
<td>88</td>
<td>$14,318,308</td>
<td>120</td>
<td>$15,117,086</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APR</td>
<td>100</td>
<td>$25,866,020</td>
<td>97</td>
<td>$22,590,458</td>
<td>78</td>
<td>$18,228,125</td>
<td>108</td>
<td>$22,259,585</td>
<td>102</td>
<td>$23,412,731</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAY</td>
<td>140</td>
<td>$19,723,143</td>
<td>124</td>
<td>$31,895,355</td>
<td>170</td>
<td>$37,426,286</td>
<td>123</td>
<td>$53,230,959</td>
<td>126</td>
<td>$29,605,733</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JUN</td>
<td>241</td>
<td>$39,361,503</td>
<td>248</td>
<td>$35,335,719</td>
<td>204</td>
<td>$37,824,231</td>
<td>266</td>
<td>$70,296,731</td>
<td>203</td>
<td>$40,020,991</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1,574</td>
<td>$301,023,731</td>
<td>1,617</td>
<td>$319,700,121</td>
<td>1,639</td>
<td>$336,260,798</td>
<td>1,879</td>
<td>$415,441,320</td>
<td>1,665</td>
<td>$333,296,554</td>
<td>1,033</td>
<td>$214,186,051</td>
</tr>
</tbody>
</table>

**FIRST 7 MONTHS OF PREVIOUS YEARS FOR COMPARISON**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>906</td>
<td>$167,964,798</td>
<td>927</td>
<td>$177,652,501</td>
<td>1,007</td>
<td>$180,386,802</td>
<td>1,021</td>
<td>$229,166,522</td>
<td>1,017</td>
<td>$195,056,344</td>
<td>1,033</td>
<td>$214,186,051</td>
<td></td>
</tr>
</tbody>
</table>

This five-year comparison of data does not reflect the adjustments made to previous months. Current data can be provided upon request. This comparison is reconciled at the end of the fiscal year for inclusion in the Annual Report and does not reflect any adjustments made to the current year.

ORS DATA - 20-Feb-08
### RESEARCH GRANTS AND CONTRACTS AWARDED COMPARATIVE BY MONTH

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL</td>
<td>39</td>
<td>$4,616,800</td>
<td>46</td>
<td>$10,638,435</td>
<td>31</td>
<td>$8,966,084</td>
<td>102</td>
<td>$20,111,064</td>
<td>86</td>
<td>$10,773,310</td>
<td>88</td>
<td>$16,768,053</td>
</tr>
<tr>
<td>AUG</td>
<td>91</td>
<td>$19,931,675</td>
<td>63</td>
<td>$16,908,532</td>
<td>117</td>
<td>$18,433,418</td>
<td>109</td>
<td>$22,272,859</td>
<td>142</td>
<td>$28,294,962</td>
<td>143</td>
<td>$25,590,457</td>
</tr>
<tr>
<td>SEP</td>
<td>90</td>
<td>$11,536,711</td>
<td>104</td>
<td>$16,727,656</td>
<td>206</td>
<td>$50,992,570</td>
<td>161</td>
<td>$42,917,114</td>
<td>188</td>
<td>$52,158,636</td>
<td>159</td>
<td>$43,469,972</td>
</tr>
<tr>
<td>OCT</td>
<td>157</td>
<td>$40,001,578</td>
<td>110</td>
<td>$26,147,910</td>
<td>124</td>
<td>$27,494,991</td>
<td>63</td>
<td>$8,026,364</td>
<td>73</td>
<td>$10,842,417</td>
<td>62</td>
<td>$8,966,580</td>
</tr>
<tr>
<td>NOV</td>
<td>56</td>
<td>$11,841,983</td>
<td>95</td>
<td>$17,887,093</td>
<td>48</td>
<td>$4,886,375</td>
<td>92</td>
<td>$16,602,301</td>
<td>42</td>
<td>$5,242,410</td>
<td>65</td>
<td>$6,802,418</td>
</tr>
<tr>
<td>DEC</td>
<td>63</td>
<td>$11,898,887</td>
<td>69</td>
<td>$10,586,145</td>
<td>39</td>
<td>$7,069,578</td>
<td>50</td>
<td>$8,265,939</td>
<td>53</td>
<td>$18,033,950</td>
<td>49</td>
<td>$6,116,172</td>
</tr>
<tr>
<td>JAN</td>
<td>42</td>
<td>$8,219,858</td>
<td>73</td>
<td>$8,307,022</td>
<td>65</td>
<td>$16,023,323</td>
<td>48</td>
<td>$5,507,406</td>
<td>46</td>
<td>$15,893,131</td>
<td>78</td>
<td>$11,977,778</td>
</tr>
<tr>
<td>FEB</td>
<td>54</td>
<td>$7,597,140</td>
<td>82</td>
<td>$12,122,327</td>
<td>45</td>
<td>$7,571,643</td>
<td>50</td>
<td>$14,455,851</td>
<td>61</td>
<td>$6,542,032</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAR</td>
<td>61</td>
<td>$15,664,353</td>
<td>57</td>
<td>$9,237,556</td>
<td>53</td>
<td>$11,958,573</td>
<td>57</td>
<td>$10,238,149</td>
<td>89</td>
<td>$12,929,258</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APR</td>
<td>73</td>
<td>$14,561,286</td>
<td>61</td>
<td>$18,513,759</td>
<td>45</td>
<td>$12,668,763</td>
<td>66</td>
<td>$11,018,842</td>
<td>68</td>
<td>$7,405,768</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAY</td>
<td>87</td>
<td>$15,555,180</td>
<td>74</td>
<td>$24,284,220</td>
<td>94</td>
<td>$19,590,348</td>
<td>79</td>
<td>$34,844,516</td>
<td>73</td>
<td>$15,903,685</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JUN</td>
<td>135</td>
<td>$26,156,894</td>
<td>127</td>
<td>$22,031,586</td>
<td>101</td>
<td>$18,469,631</td>
<td>141</td>
<td>$37,010,962</td>
<td>93</td>
<td>$17,401,639</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>948</td>
<td>$187,581,925</td>
<td>981</td>
<td>$188,390,253</td>
<td>968</td>
<td>$204,123,297</td>
<td>1018</td>
<td>$232,173,367</td>
<td>1014</td>
<td>$201,421,198</td>
<td>644</td>
<td>$120,691,430</td>
</tr>
</tbody>
</table>

**FIRST 7 MONTHS OF PREVIOUS YEARS FOR COMPARISON**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>538</td>
<td>$99,827,434</td>
<td>880</td>
<td>$103,893,773</td>
<td>630</td>
<td>$117,843,016</td>
<td>625</td>
<td>$119,087,841</td>
<td>630</td>
</tr>
</tbody>
</table>

**ORS DATA - 26-Feb-08**

This five-year comparison of data does not reflect the adjustments made to previous months. Current data can be provided upon request. This comparison is reconciled at the end of the fiscal year for inclusion in the Annual Report and does not reflect any adjustments made to the current year.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL</td>
<td>$3,457,480</td>
<td>$16,298,061</td>
<td>$17,347,132</td>
<td>$17,347,132</td>
<td>$17,347,132</td>
</tr>
<tr>
<td>SEP</td>
<td>$17,347,132</td>
<td>$16,298,061</td>
<td>$17,347,132</td>
<td>$17,347,132</td>
<td>$17,347,132</td>
</tr>
</tbody>
</table>

This five-year comparison of data does not reflect the adjustments made to previous months. Current data can be provided upon request.
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 HAWA‘I AT MĀNOA

Executive

OSTRANDER, GARY
Vice Chancellor (Res & Grad Ed), UHM & Interim Dean, UHM
Office of the Chancellor, UHM & John A. Burns School of Medicine
Continuation of monthly stipend
March 2008

DONOVAN, JAMES
Director of Athletics
University of Hawai‘i at Mānoa
March 13, 2008 - March 12, 2013

Emeritus

CRAWFORD, S. CROMWELL
Professor, I5
Religion
College of Arts and Humanities
Upon Board Approval

EASA, DAVID
Professor, M5
Pediatrics
School of Medicine
Upon Board Approval

GRAVES, MICHAEL
Professor, I5
Anthropology
College of Social Sciences
Upon Board Approval

SEFF, KARL
Professor, I5
Chemistry
College of Natural Sciences
Upon Board Approval

VOLINI, MARQUERITE
Professor, I5
Pathology
School of Medicine
Upon Board Approval
COMMUNITY COLLEGES

Professor or Equivalent

BUSHNELL, NANCY J.
Associate Professor, CC, C4
Kaua‘i Community College
Promotion
August 1, 2007

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