



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.	\$2,530
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.	\$5,695
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.	\$5,695
8.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K                      Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.	\$17,710
9.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K                      Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.	\$177
10.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K                      Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.	\$144
11.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K                      Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.	\$57,410
12.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K                      Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.	\$399

13.	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.	\$399
14.	DOD-Dept of Air Force "Operations and Management of the Maui Supercomputing Center" Lassner, David K                      Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.	\$20,240
15.	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.	\$2,530
16.	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.	\$177
17.	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.	\$1,556
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.	\$3,417
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.	\$39,865
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.	\$79,730

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|-----|--|-------------|
| 21. | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.   | \$45,560    |
| 22. | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.   | \$691       |
| 23. | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.   | \$129,229   |
| 24. | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.   | \$83,550    |
| 25. | DOD-Dept of Defense<br>"Managing Partner of Pacific Disaster Center, Optional Funding Period 1"<br>Gaines, James R                      VP for Research<br>This Cooperative Agreement provides for the transfer of Federal funds for the evolvement of the Pacific Disaster Center into a public-private partnership benefiting from shared responsibilities and assistance from the Department of Defense and the Managing Partner (Recipient) with its internal management, administration, and development of concepts as | \$5,499,963 |
| 26. | DOD-Dept of Navy<br>"Sea-salt Aerosol in Hawaii and the Influence of Large Organized Structures (LOS) or Rolls on Fluxes and Visibility"<br>Clarke, Antony D                      Oceanography - SOEST<br>Investigate the marine aerosol properties including their evolution in the boundary layer and coastal regions in Hawaii.   | \$51,758    |
| 27. | DOD-Naval Research Laboratory<br>"Radar Remote Sensing of the Mesoscale Flow through Straits of the Philippines Archipelago"<br>Flament, Pierre J                      Oceanography - SOEST<br>Deployment of high frequency radars to measure surface currents in the coastal zone and straits between Panay and Palawan, Philippines, as part of a large coordinated ONR experiment.  | \$94,557    |

28.	DOD-Naval Research Laboratory "Enhanced Tactical Fuel Design: Fundamental Combustion Studies of Boron Nanoparticle Multi-component Fuel (University of Hawaii Component)" Masutani, Stephen M                      Haw Nat Energy Inst -SOEST Investigation of the combustion characteristics of a slurry comprising a mixture of a liquid fuel and coated boron nanoparticles to enhance energy	\$88,988
FROM: National Science Foundation		
1.	National Science Foundation "Collaborative Research: Towards a Quaternary Spatial and Temporal Deformation History at the Central Andean Thrust Front" Brooks, Benjamin                      Haw Inst Geophys & Planet Further GPS deformation research in Argentina.	\$42,123
2.	National Science Foundation "A Multidisciplinary Approach to Species Boundaries in Tropical Reef Corals" Carlson, 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.	\$150,007
3.	National Science Foundation "Collaborative Research: The Internal Tide and Mixing in Monterey and Ascension Canyons" Carter, Glenn                      Oceanography - SOEST A collaborative proposal between UH and APL/UW to model and conduct intensive observations in Monterey Canyon, CA and nearby Ascension Canyon. The focus is on how internal tides propagate in canyons and are steered and focused by the topography.	\$145,043
4.	National Science Foundation "Serpentinization Effects on Forearc Peridotite: Mineralogic, Textural, and Geophysical Study" Fryer, Patricia                      Haw Inst Geophys & Planet Provide detailed information on mud volcanoes under the sea.	\$354,685
5.	National Science Foundation "Secondary Hawaiian Hotspot Volcanism: What, When, Where, and Why?" Garcia, Michael O                      Geology & Geophys - SOEST Determine the volume and ages of subaerial and submarine rejuvenated volcanism on Oahu and Kauai to better constrain the cause(s) of this volcanism.	\$15,549

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|--|---|-----------|
| 6.   | National Science Foundation<br>"University of Hawaii Partnership with NSF I/U CRC for Telecommunications Systems"<br>Iskander, Magdy F                      HCAC (HI Ctr for Advanced University of Hawaii will join the cooperative research center "Connection One" that includes Arizona State University and the University of Arizona. The three universities will work collaboratively on research projects sponsored by industry.  | \$50,000  |
| 7.   | National Science Foundation<br>"CAREER: The Cosmic Metallicity and Star Formation History of Galaxies"<br>Kewley, Lisa                                      Institute for Astronomy<br>The PI proposes a large research program to gain a simultaneous understanding of the metallicity and star formation history of galaxies between $0 < z < 3$ .  | \$86,912  |
| 8.   | National Science Foundation<br>"Collaborative Research: Participation in the GEOTRACES Intercalibration Cruise"<br>Measures, Christopher                      Oceanography - SOEST<br>To investigate the credibility of the sub-sampling systems.   | \$80,564  |
| 9.   | National Science Foundation<br>"COLLABORATIVE RESEARCH: Intercalibrating Analytical Methods for Osmium Isotopes and Concentrations in Seawater"<br>Ravizza, Gregory E                              Geology & Geophys - SOEST<br>This is a collaborative proposal with Woods Hole Oceanographic Institution and Dartmouth College to participate in the NSF sponsored Geotraces intercalibration programs. The UH contribution to this proposal involves the determination of concentration and isotopic composition of a suite of seawater sample collected explicitly for this effort. | \$27,902  |
| 10.  | National Science Foundation<br>"Early Detection of Ocean Acidification Effects on Marine Calcification and Deep-Sea Carbonate Dissolution"<br>Zeebe, Richard E.                                      Oceanography - SOEST<br>Develop a model to forecast changes in alkalinity due to changes in surface calcification and rates of carbon distribution in the deep-sea.  | \$368,597 |
| FROM: Nat'l Aeronautics & Space Administration |   |           |
| 1.   | Nat'l Aeronautics & Space Administration<br>"A LASER RIMS Instrument to Date Igneous Rocks using Rb-Sr and Measure Elemental Chemistry"<br>Anderson, F Scott                                      Haw Inst Geophys & Planet<br>A proposal to build a device to measure the age of a rock.   | \$215,877 |

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|----|--|-----------|
| 2. | Nat'l Aeronautics & Space Administration<br>"Improving the Correlation Between Lunar Prospector Gamma-ray and Neutron Spectrometer Data for Titanium"<br>Gillis-Davis, Jeffrey                      Haw Inst Geophys & Planet<br>The correlation for titanium between the Lunar Prospector gamma-ray and neutron data sets is not ideal (e.g., relation is not 1:1, does not go through zero, and the correlation coefficient is low). By analyzing the data reduction methods for these data sets, we intend to improve the titanium correlation between these two data sets. | \$68,369  |
| 3. | Nat'l Aeronautics & Space Administration<br>"Microbeam Investigations of the Raw Materials, Processes, and Chronology of the Early Solar System"<br>Huss, Gary                                      Haw Inst Geophys & Planet<br>I will use the University of Hawaii Cameca ims 1280 ion microprobe to study the origin of the solar system through measurements of the isotopic compositions of meteorites and interplanetary dust particles. I will investigate the raw materials, the processes and the timing of events in the early solar system.                         | \$210,000 |
| 4. | Nat'l Aeronautics & Space Administration<br>"Mineralogy, Petrology, and Isotope Chemistry of the Metal-Rich CH and CB Carbonaceous Chondrites"<br>Krot, Alexander N                              Haw Inst Geophys & Planet<br>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.                            | \$75,000  |
| 5. | Nat'l Aeronautics & Space Administration<br>"Corundum and Corundum-Hibonite Solar-System Condensates as Probes of Isotopic Evolution of the Inner Solar Nebula"<br>Krot, Alexander N                              Haw Inst Geophys & Planet<br>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.  | \$77,000  |
| 6. | Nat'l Aeronautics & Space Administration<br>"The Evolution of the Regulation of Cell-Cell Adhesion in a Basal Metazoan"<br>Martindale, Mark Q                              Pacific Biosciences Research<br>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.   | \$88,862  |
| 7. | Nat'l Aeronautics & Space Administration<br>"The Detailed Thermal Structure of Active Lava Bodies Revealed by the Earth Observing-1 Hyperion"<br>Wright, Robert                                      Haw Inst Geophys & Planet<br>Analysis of hyperspectral satellite data of active lava flows using an experimental NASA satellite; application of the results to lava flow  | \$65,692  |





3. Referentia Systems Inc \$107,430  
 "Pacific Disaster Center Threat Assessment For  
 Papahanaumokuakea Marine National Monument"  
 Gaines, James R VP for Research  
 The Pacific Disaster Center will prepare a threat assessment report for the  
 Monument.
- FROM: Mainland- Associations, Foundation, Soc, etc.
1. Association of Universities for Rsrch in Astronomy \$28,098  
 "Ground Layer Turbulence Site Monitoring Campaign on Mauna  
 Kea"  
 Chun, Mark Institute for Astronomy  
 To extend the site monitoring campaign for six months starting February  
 2008 through July 2008.
- FROM: Mainland- Other
1. Jet Propulsion Lab \$51,700  
 "Three-dimensional Analysis of Graben-Pit Catenae for Mars and  
 Earth"  
 Martel, Stephen J Geology & Geophys - SOEST  
 The proposed research investigates the structure and mechanics of pit  
 craters and associated faults on Mars and terrestrial analogs on Hawaii.
- FROM: U.S. Universities and Colleges
1. Oregon Health Sciences University \$8,071  
 "Blood Loss at Time of First Trimester Surgical Abortion in  
 Anticoagulated Women"  
 Kaneshiro, Bliss Obstetrics - GYN - MED  
 The objective of this study is to compare blood loss resulting from surgical  
 termination of pregnancy up to 12 weeks gestation between women who  
 are anticoagulated to therapeutic levels (INR = 2.0 to 3.0 or heparin I level  
 0.7 to 1.1) and those who are not anticoagulated.
2. Univ of New Mexico \$48,833  
 "Direct and In Situ Determination of Immobilized Activity and Loading"  
  
 Cooney, Michael J Haw Nat Energy Inst -SOEST  
 In this work it is proposed to use 1) quantitative fluorescence and 2)  
 imaging ellipsometry coupled to quartz crystal microbalance to quantify  
 immobilized enzyme and loading.
3. Univ of Southern California \$203,667  
 "Characterizing Genetic Susceptibility to Breast and Prostate  
 Cancer; the BPC3"  
 Le Marchand, Loic Cancer Research Center  
 The major goal of this project, which is part of the "Cohort Consortium," is  
 to allow for large-scale analyses of breast and prostate cancer risk in  
 relation to genetic polymorphisms and gene-environment interactions that  
 affect hormone metabolism.

FROM: All Non-U.S.

- |   |                         |
|---|-------------------------|
| 1. Subaru Telescope   | \$26,665                |
| "Design of the Interface Module between HiCIAO and AO188"   |                         |
| Hodapp, Klaus W   | Institute for Astronomy |
| Design an interface module between a high contrast imager and the adaptive optics system for the Subaru Telescope.  |                         |
| 2. Trojan Technologies, Inc   | \$78,958                |
| "Ultraviolet Radiation Technology Investigation"  |                         |
| Moreland, Victor  | Water Resource Research |
| Provide assistance in testing protocols for various ultraviolet system components and full-scale systems testing and provide training materials to improve water and wastewater treatment knowledge to company personnel focusing on up-stream treatment processes that influence |                         |

## NON-RESEARCH AWARDS

FROM: Dept of Education

- |  |                           |
|--|---------------------------|
| 1. DOI-Fish & Wildlife   | \$17,955                  |
| "Consultant Services for the US Fish and Wildlife Service"   |                           |
| Hamnett, Michael P   | Social Science Rsrch Inst |
| Provide scientific consulting services to the US Fish and Wildlife Service, including: complete final draft and Habitat Equivalency Analysis inputs for the primary restoration proposal for the M/V Cape Flattery grounding site, provide technical review of all restoration proposals, design pilot projects for compensatory restoration projects. |                           |

FROM: DOC-Dept of Commerce

- |   |                             |
|---|-----------------------------|
| 1. DOC-Minority Business Development Agency   | \$61,250                    |
| "Honolulu Minority Business Enterprise Center 1st Quarter 2008"   |                             |
| 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. |                             |
| 2. DOC-National Oceanic & Atmospheric Administration  | \$961                       |
| "2007 Whale Sanctuary Interns"  |                             |
| Maynard, Sherwood D   | Marine Option Program - CNS |
| MOP will recruit and employ an office assistant(s) and will engage and monitor student interns who will assist the Hawaiian Islands Humpback Whale National Marine Sanctuary conduct their education and outreach                 |                             |





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|----|---|-----------|
| 2. | Hawaii Council for the Humanities<br>"History Commemorative Project"<br>Horton, James                      American Studies<br>We will be sponsoring a series of public lectures and Teachers' Seminars in recognition of the bicentennial of the ending of the US Atlantic slave   | \$7,500   |
| 3. | Research Corp, University of Hawaii<br>"REAL: Hawaii Youth Movement Exposing the Tobacco Industry"<br>Albright, Cheryl                      Cancer Research Center<br>To raise awareness and educate Hawaii's youth about the manipulative targeting strategies used by the tobacco industry and to offer opportunities to take action. | \$250,000 |

## FROM: Hawaii- Health Organizations

- |    |  |           |
|----|--|-----------|
| 1. | Rehabilitation Hospital of the Pacific<br>"Salary, Fringe Benefit & Malpractice Insurance Reimbursement Agreement - FY08, Agreement No. SF08-REHAB-MED"<br>Tam, Elizabeth K                      Medicine- MED<br>Salary, Fringe Benefit & Malpractice reimbursement agreement to provide physician and physician related services for FY2008. | \$7,912   |
| 2. | Waianae Coast Comprehensive Health Center<br>"Jobs to Careers: Promoting Work-Based Learning for Quality Care"<br>Tagawa, Michael                      Leeward CC<br>Establish a work-based learning program mode, Credit Preceptor Model (CPM) for frontline health care workers.   | \$50,265  |
| 3. | Waianae Coast Comprehensive Health Center<br>"Native Hawaiian Training - Nursing and Health Administration"<br>Tagawa, Michael                      Kapiolani CC<br>Provide nursing and health administration training to Native Hawaiians incorporating Native Hawaiian learning styles.  | \$266,331 |
| 4. | Waianae Coast Comprehensive Health Center<br>"Native Hawaiian Training - Medical Receptionist"<br>Tagawa, Michael                      Leeward CC<br>Provide medical receptionist and pre-health (math and English) courses to Native Hawaiian incorporating Native Hawaiian learning styles.  | \$53,057  |

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

- |    |  |          |
|----|--|----------|
| 1. | Christopher Reeve Paralysis Foundation<br>"Dressing Paralyzed Patients: Brochures and Video Training for Caregivers (Chinese and Japanese)"<br>Lin, Shu                                      Family and Consumer Sciences<br>This project will produce two videotaped guides for dressing and undressing paralyzed patients; one in Japanese and one in Mandarin Chinese. Also, these detailed yet accessible and easily understandable instructional booklets will be produced in each language (English, Chinese, and Japanese) to assist those caregivers who do not have access to | \$12,500 |
|----|--|----------|

## FROM: Mainland- Business

- |    |  |          |
|----|--|----------|
| 1. | Anheuser-Busch Inc.<br>"Expanding the Manoa Alcohol Project"<br>Stockert, Nancy<br>Office of Student Affairs<br>The project will continue and expand the present Manoa Alcohol Project, to provide alcohol prevention programming for undergraduates at UH - Manoa, primarily using a social norms approach. | \$60,000 |
| 2. | Aura, Inc<br>"Purchase Order 27593AN NICI Backup Deformable Mirror and Blank"<br>Ftaclas, Christ<br>Institute for Astronomy<br>Manufacture 2 mirrors for Association of Universities for Research in Astronomy, Inc.   | \$30,000 |

## FROM: U.S. Universities and Colleges

- |    |   |          |
|----|---|----------|
| 1. | Mississippi State University<br>"University of Hawaii Participation in MOS University Consortium PET Project"<br>Lassner, David K<br>Info Technology Services<br>The University of Hawaii will support the MOS University Team with the Training Coordination of the DoD PET Program. It will also respond to requests for technical training support as requested. | \$31,625 |
|----|---|----------|

## FROM: All Non-U.S.

- |    |  |          |
|----|--|----------|
| 1. | Commonwealth of Northern Mariana Islands<br>"Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract From CNMI DPH)"<br>Buenconsejo-Lum, Lee<br>Fam Prac & Comm Hlth- MED<br>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. | \$25,000 |
|----|--|----------|

## Funds Received from UH Foundation

## RESEARCH AWARDS

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

- |  |                           |
|--|---------------------------|
| 1. Univ of Hawaii Foundation   | \$11,000                  |
| "Collaborative Software Development Laboratory Fund"   |                           |
| Johnson, Philip M  | Info & Computer Science   |
| Perform research and development on inference of test driven development.                            |                           |
| 2. Univ of Hawaii Foundation   | \$2,500                   |
| "A Descriptive and Comparative Grammar of Western Old Japanese"                                      |                           |
| Vovin, Alexander   | East Asian Language & Lit |
| Pay for the salary and fringe benefits of an assistant to help with the research during the project. |                           |

## NON-RESEARCH AWARDS

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

- |  |                              |
|--|------------------------------|
| 1. Univ of Hawaii Foundation   | \$15,000                     |
| "Lyon Arboretum Internship Program"  |                              |
| Dunn, Christopher  | Lyon Arboretum               |
| To support the Lyon Arboretum Internship Program.  |                              |
| 2. Univ of Hawaii Foundation   | \$20,000                     |
| "International Auto/Biography Association 2008 Conference"   |                              |
| Howes, Craig   | College of Lang, Ling, & Lit |
| Support June 2008 International Auto/Biography Association conference.   |                              |
| 3. Univ of Hawaii Foundation   | \$20,913                     |
| "UHF Prenatal Oral Health Project"   |                              |
| Johnson, Nancy K   | Maui CC                      |
| This project will involve working with the Community Clinic of Maui to identify pregnant women in need of dental cleanings. We will be performing an initial exam and a dental cleaning for each of these woman. The funding for this project is from a donation to the Maui Oral Care Patient Aid Fund. |                              |
| 4. Univ of Hawaii Foundation   | \$20,000                     |
| "Basic Institutional Needs"  |                              |
| Sohn, Ho-Min   | Korean Studies- SHAPS        |
| Pay for student salaries.  |                              |

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|---|---------------|
| 5. Univ of Hawaii Foundation  | \$79,110      |
| "Kudo Chair of Law"   |               |
| Soifer, Aviam   | School of Law |
| Faculty Salary and Fringe Benefits - Kudo Chair of Law.   |               |
| 6. Univ of Hawaii Foundation  | \$3,500       |
| "Manoa Journal"   |               |
| Stewart, R Frank  | English       |
| Funds for staff wages.  |               |
| 7. Univ of Hawaii Foundation  | \$40,250      |
| "East Asian Buddhism Professorship"   |               |
| Tiles, Mary E   | Philosophy    |
| To pay for salary and fringe of the East Asian Buddhism Professorship for the College of Arts & Humanities. |               |



SUMMARY  
EXTRAMURAL RESEARCH AWARDS,  
DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DOC-Dept of Commerce	1	\$57,403	0.61
DOD-Dept of Defense	28	\$6,331,920	67.40
National Science Foundation	10	\$1,321,382	14.06
Nat'l Aeronautics & Space Administration	7	\$800,800	8.52
Hawaii- Government Agencies	2	\$107,930	1.15
Hawaii- Associations, Foundations, Societies, etc.	4	\$142,590	1.52
Hawaii- Business and Other	3	\$187,180	1.99
Mainland- Associations, Foundation, Soc, etc.	1	\$28,098	0.30
Mainland- Other	1	\$51,700	0.55
U.S. Universities and Colleges	3	\$260,571	2.77
All Non-U.S.	<u>2</u>	<u>\$105,623</u>	<u>1.12</u>
	62	\$9,395,197	100.00

SUMMARY  
EXTRAMURAL NON-RESEARCH AWARDS  
DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
Dept of Education	1	\$17,955	0.54
DOC-Dept of Commerce	2	\$62,211	1.86
National Science Foundation	2	\$517,853	15.48
Hawaii- Government Agencies	6	\$1,478,369	44.19
Hawaii- Associations, Foundations, Societies, etc.	10	\$366,846	10.97
Hawaii- Business and Other	3	\$365,546	10.93
Hawaii- Health Organizations	4	\$377,565	11.29
Mainland- Associations, Foundation, Soc, etc.	1	\$12,500	0.37
Mainland- Business	2	\$90,000	2.69
U.S. Universities and Colleges	1	\$31,625	0.95
All Non-U.S.	<u>1</u>	<u>\$25,000</u>	<u>0.75</u>
	33	\$3,345,470	100.00

YEAR-TO-DATE SUMMARY  
EXTRAMURAL RESEARCH AWARDS,  
DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
World Turtle Trust	1	\$49,533	0.04
DA-Dept of Agriculture	23	\$2,859,210	2.15
Dept of Education	26	\$1,717,149	1.29
DHHS-Dept of Health & Human Services	62	\$34,981,471	26.34
DOC-Dept of Commerce	53	\$23,003,999	17.32
DOD-Dept of Defense	107	\$21,821,877	16.43
DOE-Dept of Energy	10	\$1,508,309	1.14
ED-Dept of Education	1	\$300,000	0.23
Environmental Protection Agency	3	\$183,569	0.14
National Science Foundation	81	\$17,261,689	13.00
Nat'l Aeronautics & Space Administration	52	\$5,510,251	4.15
Independent Federal Agencies- Minor	1	\$120,000	0.09
Hawaii- Government Agencies	65	\$7,588,635	5.71
Hawaii- Associations, Foundations, Societies, etc.	41	\$1,846,240	1.39
Hawaii- Business and Other	23	\$1,480,906	1.12
Hawaii- Health Organizations	6	\$235,130	0.18
Mainland- Associations, Foundation, Soc, etc.	18	\$1,076,253	0.81
Mainland- Business	30	\$2,364,704	1.78
Mainland- Health Organizations	7	\$911,583	0.69
Mainland- Other	32	\$1,794,248	1.35
U.S. Universities and Colleges	57	\$5,334,666	4.02
All Non-U.S.	11	\$577,961	0.44
Miscellaneous	3	\$288,422	0.22
	713	\$132,815,805	100.00

YEAR-TO-DATE SUMMARY  
EXTRAMURAL NON-RESEARCH AWARDS,  
DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	11	\$2,799,559	2.87
Dept of Education	11	\$697,466	0.71
DHHS-Dept of Health & Human Services	30	\$16,100,449	16.50
DOC-Dept of Commerce	16	\$1,614,749	1.65
DOD-Dept of Defense	7	\$2,262,966	2.32
ED-Dept of Education	42	\$17,178,925	17.60
HUD-Dept of Housing & Urban Development	2	\$1,381,247	1.42
Environmental Protection Agency	1	\$14,114	0.01
National Science Foundation	11	\$3,263,207	3.34
Nat'l Aeronautics & Space Administration	6	\$723,646	0.74
Independent Federal Agencies- Minor	5	\$663,720	0.68
Hawaii- Government Agencies	93	\$27,629,344	28.31
Hawaii- Associations, Foundations, Societies, etc.	71	\$4,800,468	4.92
Hawaii- Business and Other	27	\$3,784,926	3.88
Hawaii- Health Organizations	25	\$9,661,629	9.90
Mainland- Associations, Foundation, Soc, etc.	16	\$920,739	0.94
Mainland- Business	4	\$319,330	0.33
Mainland- Health Organizations	2	\$20,540	0.02
Mainland- Other	8	\$253,271	0.26
U.S. Universities and Colleges	20	\$930,122	0.95
All Non-U.S.	14	\$2,498,795	2.56
Miscellaneous	2	\$61,221	0.06
	<u>424</u>	<u>\$97,580,432</u>	<u>100.00</u>

## Awards Received by University of Hawaii at Hilo

## RESEARCH AWARDS

FROM: Department of Health and Human Services

- |    |  |                |
|----|--|----------------|
| 1. | DHHS, National Institute of Health<br>"Genome Project, 2008" | \$ 69,200      |
|    | Ronald Amundson  | UHH Philosophy |

FROM: Department of Interior

- |    |  |                 |
|----|--|-----------------|
| 1. | Department of Interior, National Park Service<br>"Insectivorous Bat Monitoring Protocols"        | \$ 28,318       |
|    | Patrick Hart   | UHH Biology     |
| 2. | Department of Interior, U.S. Geological Survey<br>"Tropical Montane Cloud Forests"               | \$ 3,500        |
|    | Sharon Ziegler-Chong   | UHH Aquaculture |
| 3. | Department of Interior, U.S. Fish & Wildlife Service<br>"Hawaiian Forest Bird Research, FY 2008" | \$ 20,000       |
|    | Sharon Ziegler-Chong   | UHH Aquaculture |

FROM: Department of Agriculture

- |    |   |                     |
|----|---|---------------------|
| 1. | Department of Agriculture<br>"Development of Post Harvest Technology FY 2008" | \$ 59,380           |
|    | William Sakai   | UHH Agriculture     |
| 2. | Department of Agriculture<br>"Risk Assessment - GMO Plants"                   | \$ 77,151           |
|    | William Sakai   | UHH Agriculture     |
| 3. | Department of Agriculture<br>"Develop GMO Resistant to Viruses"               | \$ 42,305           |
|    | Michael Shintaku  | UHH Agriculture     |
| 4. | Department of Agriculture<br>"Support of Agricultural Research, FY 08-4"      | \$ 5,400            |
|    | Norm Stahl  | UHH Student Affairs |

5	Department of Agriculture "Support of Agricultural Research, FY 08"	\$ 1,500
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Norm Stahl	UHH Student Affairs
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6.	Department of Agriculture "Support of Agricultural Research, FY 08-2"	\$ 6,513
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Norm Stahl	UHH Student Affairs
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FROM: Hawaii Government Agencies

1.	State of Hawaii "Hawaiian Forest Bird Research, FY 2008" State Support	\$ 5,000
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Sharon Ziegler-Chong	UHH Aquaculture
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FROM: US Colleges & Universities

1.	University of New Orleans "Analysis of Spotted Seatrout - Louisiana Bay Systems"	\$ 52,142
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Jason Turner	UHH Marine Science
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#### NON-RESEARCH AWARDS

FROM: National Science Foundation

1.	National Science Foundation "LSAMP: Islands of Opportunity"	\$ 344,550
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Rose Tseng	UHH Chancellor's office
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FROM: Hawaii Government Agencies

1.	State of Hawaii "Clinical Supervision FY 2008"	\$ 15,315
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Corinne Tamashiro	UHH Continuing Education
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2.	County of Hawaii "Imiloa Web Marketing"	\$ 12,000
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Rose Tseng	UHH Chancellor's Office
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3.	State of Hawaii, Office of Hawaiian Affairs "Imiloa Pocket Theater"	\$ 66,334
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Rose Tseng	UHH Chancellor's Office
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4. County of Hawaii \$ 5,000  
"Imiloa Enrichment Programming - Merrie Monarch Festival"

Rose Tseng

UHH Chancellor's Office

UNIVERSITY OF HAWAII AT HILO SUMMARY  
 EXTRAMURAL RESEARCH AWARDS: FEBRUARY 2008  
 DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DHHS - Dept of Health and Human Services	1	\$ 69,200	18.7%
DOI - Department of Interior	3	\$ 51,818	14.0%
USDA - Dept of Agriculture	6	\$ 192,249	51.9%
Hawaii Government Agencies	1	\$ 5,000	1.3%
US Colleges & Universities	1	\$ 52,412	14.1%
Total	12	\$ 370,679	100.0%



## UNIVERSITY OF HAWAII AT HILO SUMMARY

## EXTRAMURAL NON-RESEARCH AWARDS: FEBRUARY 2008

## DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
National Science Foundation	1	\$ 344,550	77.7%
Hawaii Government Agencies	4	\$ 98,649	22.3%
Total	5	\$ 443,199	100.0%

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

## EXTRAMURAL RESEARCH AWARDS: JULY 2007 - FEBRUARY 2008

## DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DOA-Department of Agriculture	9	\$ 393,875	10%
DHHS-Dept of Health and Human Services	6	\$ 1,712,286	44%
DOI-Department of Interior	27	\$ 1,491,181	38%
DOJ-Department of Justice	1	\$ 23,406	1%
NSF-National Science Foundation	2	\$ 90,500	2%
NON-US Entities	1	\$ 20,800	1%
Hawaii Government Agencies	5	\$ 53,679	1%
Hawaii Business and Other	3	\$ 105,123	3%
Hawaii Associations, Foundations & Societies	1	\$ 31,000	1%
US Colleges & Universities	1	\$ 52,412	1%
Total	55	\$ 3,921,850	100%

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

EXTRAMURAL NON-RESEARCH AWARDS: JULY 2007 - FEBRUARY 2008

## DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DOA-Department of Agriculture	1	\$ 11,500	0.2%
ED-Department of Education	8	\$ 3,812,578	51.7%
DHHS-Dept of Health and Human Services	2	\$ 386,382	5.2%
Dept of State	1	\$ 6,300	0.1%
NSF-National Science Foundation	2	\$ 774,068	10.5%
Mainland Other	1	\$ 6,720	0.1%
Mainland Associations, Foundations & Societies	1	\$ 150,000	2.0%
US Colleges and Universities	2	\$ 163,513	1.0%
Other Colleges and Universities	1	\$ 35,711	1.0%
Hawaii Government Agencies	10	\$ 616,649	8.4%
Hawaii Business & Other	4	\$ 1,275,790	17.3%
Hawaii Associations, Foundations & Societies	2	\$ 128,450	1.7%
Total	35	\$ 7,367,661	100%