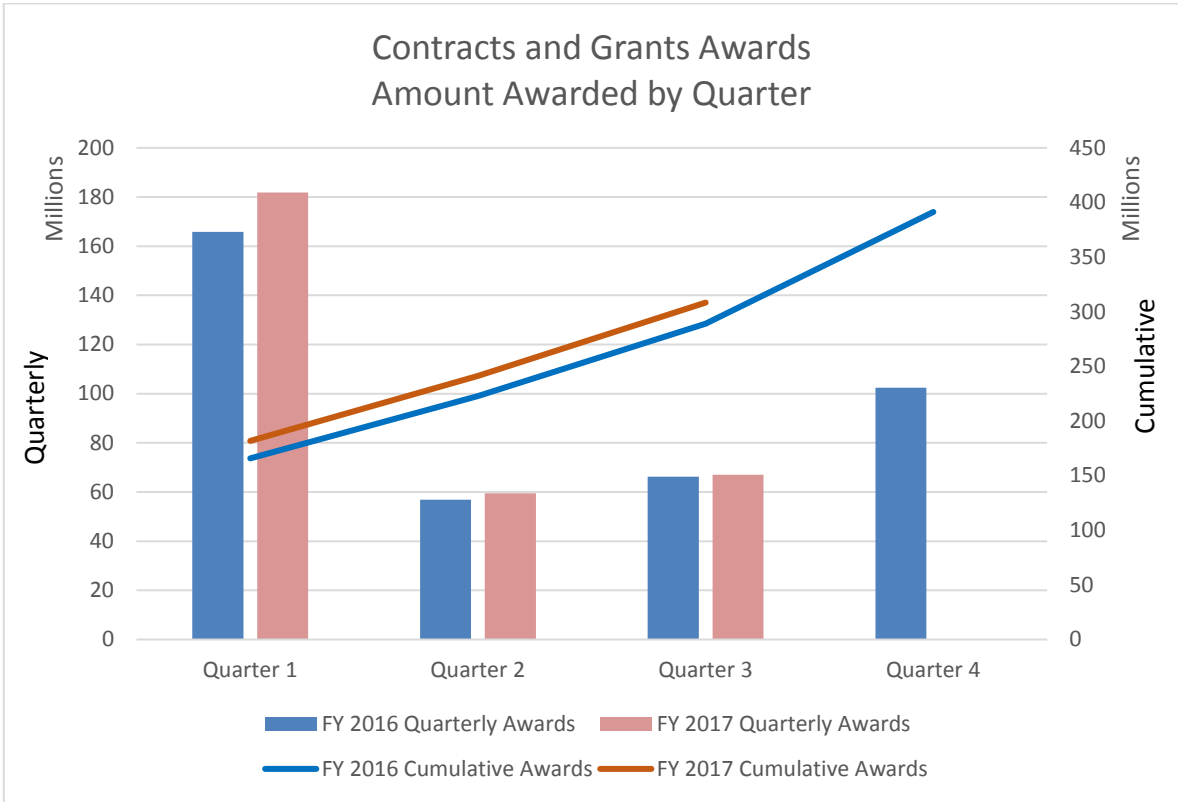
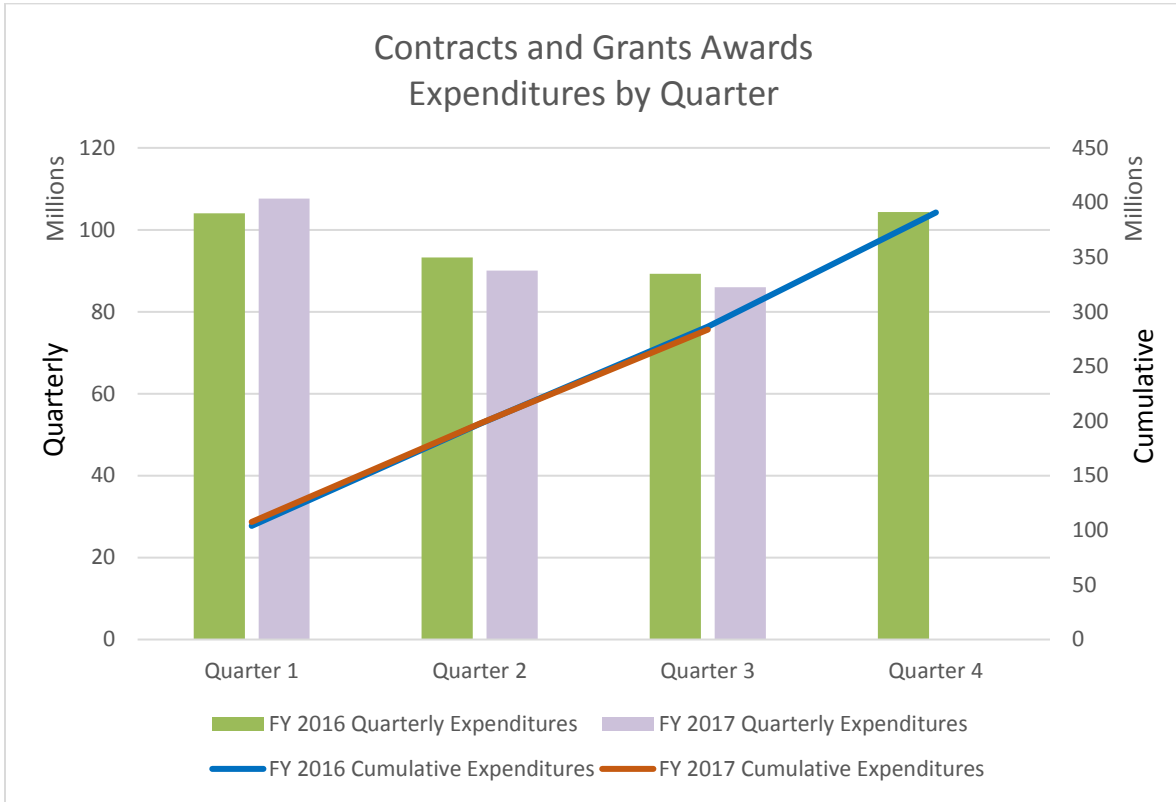


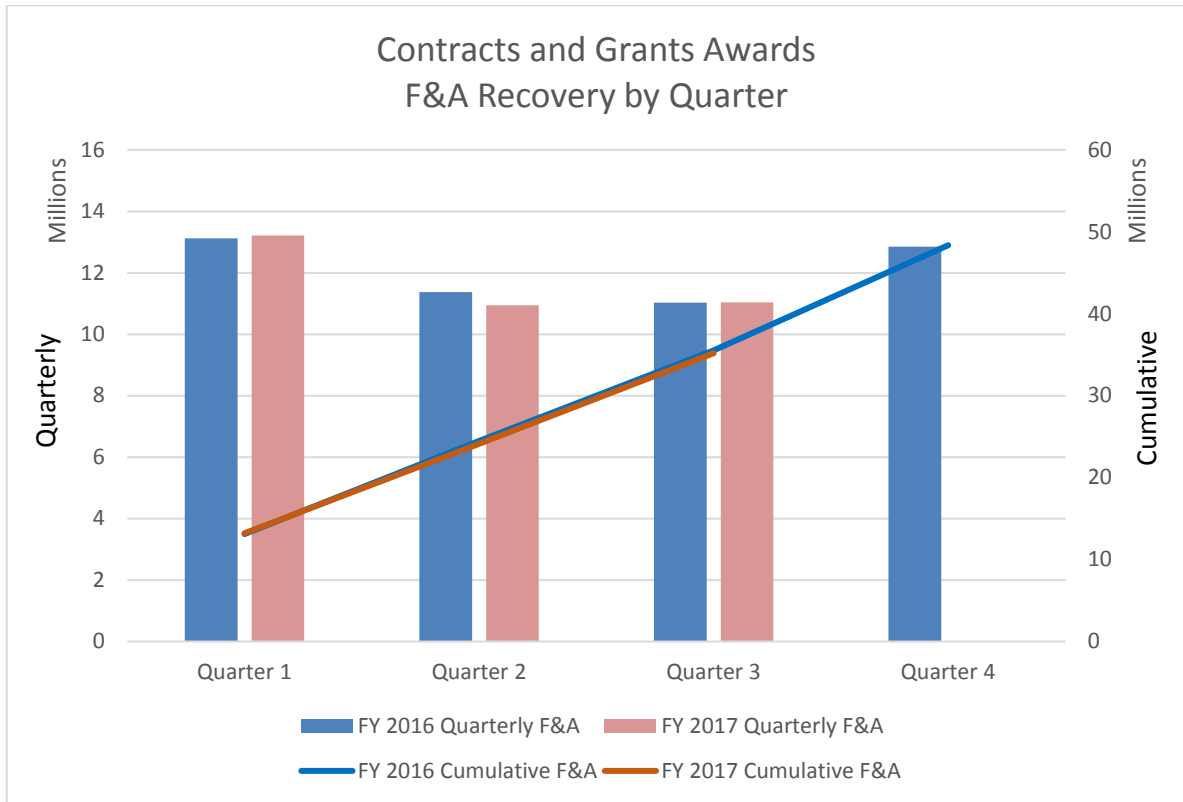
Contracts and Grants Awards  
As of Quarter Three – FY 2017



Contracts and Grants Expenditures  
As of Quarter Three – FY 2017



Contracts and Grants F&A Recovery  
As of Quarter Three – FY 2017



## Extramural Sponsor Awards Quarterly Summary

<b><u>Program Type</u></b>	<b>Jan 1 – Mar 31 2017</b>		<b>Jan 1 – Mar 31 2016</b>	
	<b><u>Count</u></b>	<b><u>Amount</u></b>	<b><u>Count</u></b>	<b><u>Amount</u></b>
Research	234	\$ 44,996,874	204	\$ 41,276,085
Non-Research	160	\$ 22,381,214	188	\$ 27,670,981
<b><u>Total</u></b>	<b><u>394</u></b>	<b><u>\$ 67,378,088</u></b>	<b><u>392</u></b>	<b><u>\$ 68,947,066</u></b>

Note: The detailed award listing is available at:

<http://www.ors.hawaii.edu/index.php/bor-reports>

The FY 2016 year-to-date total was: \$288,946,984

The unofficial FY 2017 year-to-date total is: 1438 awards totaling  
\$308,381,826

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

**Research**

**DA-Dept of Agriculture**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt	Impacts of Land Use and Mangrove Tree Diversity on Soil C Stocks in SE Asian Mangrove Forests	1	70,000
AGRICULTURE, DEPT, FOREST SVC-FED	William P Haines	Plant and Environmental Protection Sciences	The Impact of Non-Native Predators on Pollinators and Native Plant Reproduction in a Hawaiian Dryland Ecosystem	2	97,000
AGRICULTURE, DEPT-FED	Rebecca Ostertag	Biology (UH Hilo)	Impacts of Climate Change and Exotic Insects on Food Resources of Native Atyid Shrimp in Hawaiian Streams	1	9,900
AGRICULTURE, DEPT-FED	William Sakai	College of Agriculture, Forestry and Natural Resource Mgt	Developing Sustainable Tropical Crops for Marginal Lands	1	43,201

**DHHS-Dept of Health and Human Services**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED	Joseph Kaholokula	Department of Native Hawaiian Health	The KaHOLO Project: Preventing Cardiovascular Disease in Native Hawaiians	1	640,423
HEALTH & HUMAN SVC, DEPT-NIH-FED	Marla Berry	Department of Cell and Molecular Biology	Mechanism of Selenoprotein Synthesis	1	346,500
HEALTH & HUMAN SVC, DEPT-NIH-FED	Sladjana Priscic	Department of Microbiology	Role of the alternative ribosomes in Mycobacterium tuberculosis adaptation	1	176,875
HEALTH & HUMAN SVC, DEPT-NIH-FED	Victor Stenger	Department of Medicine	Fast Whole-Brain Direct Myelin Magnetic Resonance Imaging	1	159,187
HEALTH & HUMAN SVC, DEPT-NIH-FED	Wei-Kung Wang	Department of Tropical Medicine, Medical Micro and Pharm	Mature virus-like particles as a new strategy for dengue virus vaccines	1	308,000
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Carol Boushey	Cancer Etiology	Testing the Predictive Validity of the Healthy Eating Index-2015 in the Multi-ethnic Cohort: Is the Score Associated with a Reduced Risk of All-Cause and Cause-Specific Mortality?	1	25,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	James Turkson	Natural Products	STAT3, G6PD and TrxR as Underlying Mechanisms for Antitumor Responses to Hirsutinolides	1	671,829
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Jeffrey Berenberg	Clinical Sciences	Hawaii Minority/Underserved NCORP (Supplemental)	1	60,000
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Loic Le Marchand	Cancer Etiology	Obesity, Body Fat Distribution, and Cancer Risk in the Multiethnic Cohort	1	100,000
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Pallav Pokhrel	Social and Behavioral Sciences	Prospective Effects of Electronic Cigarette Marketing on Expectancies and Behavior	1	525,722
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL HEART LUNG & BLD INST	Joseph Kaholokula	Department of Native Hawaiian Health	The Ka-HOLO Project: Preventing Cardiovascular Disease in Native Hawaiians	1	109,571
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ALLERGY/INF DIS	Peter Hoffmann	Department of Cell and Molecular Biology	Selenoprotein K Modulates Calcium-Dependent Signaling in Immune Cells	1	385,667
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ALLERGY/INF DIS	Tung Hoang	Department of Microbiology	Functional Characterization of Essential Burkholderia pseudomallei Virulence Regulators	1	176,875
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DRUG ABUSE	Thomas Ernst	Department of Medicine	Adolescent Brain Cognitive Development (ABCD) Prospective Research in Studies of Maturation (PRISM) Consortium	1	2,076,700
HEALTH & HUMAN SVC, DEPT-NIH-FED OFFICE OF DIRECTOR	Edward Ruby	Pacific Biosciences Research Center	Vibrio Virulence Determinants in a Benign Colonization	1	421,653

**DOC-Dept of Commerce**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	H. Annamalai	International Pacific Research Center (IPRC)	Development of Process-Oriented Metrics for ENSO-induced Teleconnection over North America and U.S. Affiliated Pacific Islands in Climate Models	1	98,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Mechanisms of Atmospheric Mercury in Transport and Transformation in the Remote Pacific Marine Free Troposphere Measured in Hawaii	1	206,414

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED NATL WEATHER SVC	Joshua Fu	International Pacific Research Center (IPRC)	Towards Advancing the MJO and 1-30-day Weather Forecasting in the Fully Coupled NGGPS	1	190,645
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Darren Lerner	Sea Grant College Program	University of Hawaii Institutional Proposal for Years 47 - 50 of the UH Sea Grant College Program	1	1,044,500

**DOD-Department of Defense**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	Donald Thomas	Hawaii Institute of Geophysics and Planetology (HIGP)	Detailed Evaluation of Groundwater Hydrology within the Humu'ula Saddle Region on the Island of Hawaii for the U.S. Army Garrison-Hawaii, Directorate of Public Works, Planning Division	1	725,561
DEFENSE, DEPT-AIR FORCE OFC OF SCI RSCH	Dusko Pavlovic	Information and Computer Sciences	Monoidal Computers, Networks and Strategic Learning: Methods for Adaptive Defense in Cyber Security (MADCyBS)	1	79,999
DEFENSE, DEPT-AIR FORCE OFC OF SCI RSCH	Marcelo Kobayashi	Mechanical Engineering	(HBCU/MI) A Cellworks Optimization Method for Air Vehicle Design	1	151,807
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	David Lassner	Maui High Performance Computing Center (MHPCC)	Transition of Operation, Management, and Research and Development Effort for the Maui High Performance Computing Center (MHPCC)	2	2,753,737
DEFENSE, DEPT-ARMY MED RSCH ACQSTN (USAMRAA)	Haining Yang	Natural Products	HMGB1 and Its Isoforms As Biomarkers For Mineral Fiber Exposure and MM Detection	1	462,000
DEFENSE, DEPT-ARMY MED RSCH ACQSTN (USAMRAA)	Michele Carbone	Natural Products	HMGB1 and Its Isoforms As Biomarkers For Mineral Fiber Exposure and MM Detection	1	462,000
DEFENSE, DEPT- CONGRESSIONALLY DIR MED RSCH PROG	Haining Yang	Natural Products	Identification and Validation of Novel Germline DNA Variants Associated to Increased Risk of Asbestos-Induced Mesothelioma	1	616,000
DEFENSE, DEPT-DEPUTY UNDR SECRETARY OF DEF	David Lassner	Pacific Disaster Center	University of Hawaii Pacific Disaster Center (UoH PDC) Cooperative Agreement	1	2,598,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT-NAVY	Ralf Kaiser	Department of Chemistry	A Spectroscopic Study on the Reactivity of Boron Bearing Energetic Ionic Liquids in Levitated Droplets Toward the Development of Boron-Fueled Engines	1	40,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	A Zachary Trimble	Mechanical Engineering	Energy Efficient Environmentally Compliant Unmanned Surface Vessels	1	90,596
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Bo Qiu	Department of Oceanography	Elucidating Dynamical Processes Relevant to the Flow Encountering Abrupt Topography (FLEAT)	1	80,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Brian Powell	Department of Oceanography	Collaborative Proposal: Oceanic Energy Cascade from Global to Regional Predictive Models	1	100,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Eva-marie Nosal	Department of Ocean and Resources Engineering	Single sensor and compact array localization methods	1	41,469
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Flow Interactions over Steep Oceanic Ridges: Moored Observations	1	196,770
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Richard Rocheleau	Hawaii Natural Energy Institute (HNEI)	Asia Pacific Research Initiative for Sustainable Energy Systems 2016 (APRIS16)	1	8,657,555
Defense, Dept. - U.S. Army Research Office	Ralf Kaiser	Department of Chemistry	Untangling the Reaction Mechanisms Involved in the Decomposition of Model Compounds of Energetic Materials in the Condensed Phase	1	49,996
Defense, Dept. - U.S. Army Research Office	Tatyana Reshetenko	Hawaii Natural Energy Institute (HNEI)	Determination of Oxygen and Hydrogen Mass Transfer Coefficients in PEMFC GDE and Their Separation into Gas and Electrolyte Contributions	1	61,086

**DOI-Dept of Interior**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Charles Fletcher	Department of Geology and Geophysics	Simulating the Impacts of Sea Level Rise on Majuro Atoll Using a Digital Elevation Model and Delivery to the Marshall Islands Government	1	88,254
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Sea Grant College Program	Pacific Islands Climate Science Center	1	284,338



## Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Sea Grant College Program	Soil Biogeochemistry Factors in Ecohydrology of Hawaiian Forests Under Climate Change	1	40,462
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Water Resources Research Center	State Water Resources Research Institute Program	1	29,842
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Kuulei Rodgers	Hawaii Institute of Marine Biology (HIMB)	Sedimentation on Hawaiian Coral Reefs: A Data Synthesis	1	18,300
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Pacific Island Ridge to Reef Project	1	32,000
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Quantitative Analysis of Ecologic Data	1	27,984

### Federal Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ENVIRONMENTAL PROTECTION AGENCY	Erik Franklin	Hawaii Institute of Marine Biology (HIMB)	Development of Protocols to Prioritize Watersheds and Coastal Waters for Protection and Restoration in the Hawaiian Islands	1	93,228

### Foreign

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Bermuda Institue of Ocean Sciences, Inc.	Daniel Schar	Hawaii Institute of Marine Biology (HIMB)	Coral Reef Condition Across the Hawaiian Archipelago and Relationship to Environmental Forcing	1	32,964
GUAM, UNIVERSITY OF	Christopher Ostrander	Joint Institute for Marine and Atmospheric Research (JIMAR)	Pago Bay Oceanography Proposal	1	40,385
KEK HIGH ENERGY ACCELERATOR RCH ORG	Gary Varner	Department of Physics and Astronomy	JFY 2016 US-Japan Program for Cooperation in High Energy Physics Additional Installment of Funds for High Luminosity R&D	1	3,954
London, University of	Lyle Campbell	Department of Linguistics	Documentation of Ulwa, An Endangered Language of Papua New Guinea	1	12,339
SINTEF	Scott Turn	Hawaii Natural Energy Institute (HNEI)	Proposed HNEI Contributions to the BioCarb+ Annual Work Plan 2017	1	48,226

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

**Hawaii- Business and Other**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
BISHOP MUSEUM	Andrea Lauren Berez-Kroeker	Department of Linguistics	Documentation of the Kala Language (KCL) through an Interdisciplinary, Community-Based Study of the Aquatic Environment	1	28,726
BISHOP MUSEUM	Robert Cowie	Pacific Biosciences Research Center	BPBM CSBR 2017-PILS Collection Upgrades	1	14,255
EAST WEST CENTER	James Potemra	International Pacific Research Center (IPRC)	Climate Indicator Dashboard Maintenance and Development	1	49,173
Pacific Biodiesel	Shihwu Sung	College of Agriculture, Forestry and Natural Resource Mgt	Recovery of Value-added Products from the Biodiesel Processing Wastes (Phase II)	1	24,000

**Hawaii- Government Agencies**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-HI	David Duffy	Department of Botany	Early Detection and Prevention of Little Fire Ants on Oahu	1	118,401
AGRICULTURE, DEPT-HI	David Duffy	Department of Botany	Hawaii Ant Lab Core Funding FY17	1	307,841
AGRICULTURE, DEPT-HI	Theodore Radovich	Tropical Plant and Soil Science	Expanding Research, Extension, and Education Activities to Improve Sustainable and Organic Farming in Hawaii	1	200,000
BUSINESS, ECONOMIC DEV&TOUR-HI STATE ENERGY OFFICE	Jason Leigh	Information and Computer Sciences	Deployment of CyberCANOE for State Energy Office	1	71,278
COUNTY KAUAI	Charles Fletcher	Department of Geology and Geophysics	Kaua'i Historical Shoreline Change Database Update	1	75,000
COUNTY MAUI DEPT OF WATER SUPPLY	Clifford Morden	Department of Botany	DWS Support for the East Maui Watershed Partnership	1	305,000
COUNTY MAUI DEPT OF WATER SUPPLY	Clifford Morden	Department of Botany	FY17 DWS Support for the Auwahi Forest Restoration Project	1	37,000
COUNTY MAUI DEPT OF WATER SUPPLY	Clifford Morden	Department of Botany	FY17 DWS Support for the Leeward Haleakala Watershed Restoration Partnership	1	195,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COUNTY MAUI DEPT OF WATER SUPPLY	Clifford Morden	Department of Botany	FY17 DWS Support for the West Maui Mountains Watershed Partnership	1	350,000
COUNTY MAUI DEPT OF WATER SUPPLY	David Duffy	Department of Botany	Maui Invasive Species Committee	1	250,000
COUNTY MAUI OFC OF ECON DEVEL	Clifford Morden	Department of Botany	Leeward Haleakala Native Forest Protection and Restoration	1	124,809
COUNTY MAUI OFC OF ECON DEVEL	David Duffy	Department of Botany	Coqui Frogs	1	300,000
COUNTY MAUI OFC OF ECON DEVEL	David Duffy	Department of Botany	Maui Invasive Species Project	1	895,000
COUNTY MAUI OFC OF ECON DEVEL	David Duffy	Department of Botany	Maui Nui Seabird Recovery Project: Outreach for Seabirds	1	50,000
DEFENSE, DEPT-HI-Hawaii Emergency Mgmt Agency	Philip Stephen Moravcik	Water Resources Research Center	Tsunami Observer Program	1	22,590
HAWAIIAN HOME LANDS, DEPT-HI	James Friday	Hawaii County	Aina Mauna Seed Orchard/Progeny Trial Project Plan	1	12,685
HAWAIIAN HOME LANDS, DEPT-HI	James Friday	Hawaii County	Performance, survival and plasticity of koa (Acacia koa Gray) at a high elevation site on Department of Hawaiian Home Lands property	1	12,265
HEALTH, DEPT-HI	Claudio Nigg	Dept of Public Health Sciences and Epidemiology	Evaluation of the Hawaii Prescription Drug Overdose: Data-Driven Prevention Initiative ("Hawaii DDPI") Project	1	92,925
HEALTH, DEPT-HI	Kelley Withy	Department of Complementary and Alternative Medicine	Validating the Hawaii National Provider Identifier Registry	1	41,999
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Enhancement of Fisheries Management through Information, Education, and Outreach	1	22,462
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Detection and Control of Tibouchina herbacea on the Island of Oahu	1	15,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Developing Herbicide Ballistic Technology as a Technique to Control Incipient Populations of Bocconia frutescens on Leeward Haleakala	1	20,214

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Hawaii & Kauai: Molecular Genetics to Inform Conservation Planning	1	31,381
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Kauai Miconia Control	1	50,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Koolau Mountains Watershed Partnership: Manana Invasive Plant Control	1	16,500
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Native Ecosystems Protection and Management Oahu	1	156,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Restoration Research on Oahu's Lowland Rare Plant Species	1	44,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	The State of Hawaii's Plant Extinction Prevention Program	1	260,965
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Tibouchina herbacea Control on Oahu	1	50,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	WP17 East Maui Watershed Partnership	1	260,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	WP17 Koolau Mountains Watershed Partnership	1	250,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	WP17 LHWRP Restoring the Watersheds	1	184,386
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	WP17 Mauna Kea Watershed Alliance	1	153,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	WP17 Three Mountain Alliance	1	268,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	WP17 West Maui Mountains Watershed Partnership	1	271,181
LAND & NATURAL RES, DPT-FORST (DLNR)	Daniel Rubinoff	Plant and Environmental Protection Sciences	Basic Life History and Taxonomy for Conservation and Management of Endangered Kauai Endemic Insects	1	40,602
LAND & NATURAL RES, DPT-FORST (DLNR)	Daniel Rubinoff	Plant and Environmental Protection Sciences	Manduca Blackburni Population Assessment and Population Genetics	1	46,739
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Alala Research, Recovery, and Management	1	31,577

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Ballast Water and Hull Fouling	1	91,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Coordination and Planning of the Kauai Nene Habitat Conservation Plan	1	152,800
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species in Maui County	1	380,015
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species on the Island of Kauai	1	55,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Earlier Detection of Invasive Species: Continuing a Successful Nursery Survey Pilot Program	1	90,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Endangered Maui Forest Bird Population Research and Management	1	97,500
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Forest Restoration on Mauna Kea	1	56,914
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	GIS Research on State Forest Lands	1	92,850
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Hawaii Island and Oahu Forestry Planning	1	111,664
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Invasive Species Detection, Control, and Outreach on Kauai	1	575,728
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Invasive Species Detection, Control, and Outreach on Oahu	1	642,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Kauai Endangered Forest Bird Conservation Research and Management	1	159,207
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Landowner Assistance Program for Endangered Species Protection	1	130,498
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Maui Nui Forest Restoration and Management	1	104,493
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Natural Area Reserves Management Kauai Island, FY17	1	228,844
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Natural Area Reserves Management: Kauai Island	1	60,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Natural Area Reserves Management: Maui	1	150,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Project Support for the Snail Extinction Prevention Program	1	218,170
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Survey and Monitoring of Rapid Ohia Death on Hawaii Island	1	39,364
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Surveys and Control for Invasive Plants and Rapid Ohia Death on Oahu	1	55,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Technical Assistance to the Hawaii Invasive Species Council	1	237,198
LAND & NATURAL RES, DPT-FORST (DLNR)	Helen Spafford	Plant and Environmental Protection Sciences	Determining the Current Distribution of Mosquitoes on the Islands of Maui	1	40,908
LAND & NATURAL RES, DPT-FORST (DLNR)	Helen Spafford	Plant and Environmental Protection Sciences	Evaluation of Mosquito Trapping Technology for Detection and Monitoring of Mosquitoes	1	77,000
LAND & NATURAL RES, DPT-FORST (DLNR)	James Leary	Maui County	Advancing the Science of Miconia Management and Development of HBT Capabilities in Unmanned Aerial Systems	1	71,842
LAND & NATURAL RES, DPT-FORST (DLNR)	Kathryn Fiedler	Plant and Environmental Protection Sciences	Survey to Establish Frequency of Neglected Human Pathogens in Agricultural, Wildlife, and Public Lands Vectedored by Wild Chicken and Snail Populations	1	23,615
LAND & NATURAL RES, DPT-INVASIVE SPEC (DLNR)	Jason Kevin Levy	General Public Administration	Statewide Albizia Strategic Planning	1	50,000

**Hawaii- Non-Profit Organizations**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Kula no na Po`e Hawaii	Dee-Ann Carpenter	Department of Native Hawaiian Health	Kukalahale Learning Project	1	78,840
NATURE CONSERVANCY, THE-HAWAII	Tracy Wiegner	Natural Sciences Division	Develop a Partnership to Assess Water Quality and Examine Linkages to Coral Health and Disease in the West Hawaii Habitat Focus Area (WH-HFA)	1	39,675
OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Jon-paul Bingham	Molecular Biosciences and Bioengineering	Aquaculture of Opihi	1	500

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Arindam Chakrabarti	Philosophy (UH Manoa)	Indian Philosophy of Mind Research Associate	1	9,801
UNIVERSITY HAWAII FOUNDATION	Arindam Chakrabarti	Philosophy (UH Manoa)	Lenney Distinguished Professorship	1	5,000
UNIVERSITY HAWAII FOUNDATION	Bruce Shiramizu	Department of Tropical Medicine, Medical Micro and Pharm	JABSOM Raman-Enhanced Screening Protocol Expanding Cancer Testing (RESPECT)	1	9,500
UNIVERSITY HAWAII FOUNDATION	Charles Joel Rosser	Clinical Sciences	Urological Cancer Research Fund	1	10,000
UNIVERSITY HAWAII FOUNDATION	Clifford Morden	Department of Botany	Imi Pono no ka Aina Student Program Coordination	1	58,000
UNIVERSITY HAWAII FOUNDATION	David Duffy	Department of Botany	Coordinating Group on Alien Pest Species Capacity Support 2017-2018	1	70,100
UNIVERSITY HAWAII FOUNDATION	David Karl	Department of Oceanography	Global Research Lab Phase 2	1	41,317
UNIVERSITY HAWAII FOUNDATION	Ivica Zalud	Department of Obstetrics, Gynecology and Women's Health	Lakshmi Devi and Devraj Sharma Chair - Dr. Kaneshiro	1	20,000
UNIVERSITY HAWAII FOUNDATION	James Leary	Natural Resources and Environmental Mgt	CGAPS Biosecurity Graduate Research	1	56,000
UNIVERSITY HAWAII FOUNDATION	James Turkson	Natural Products	Ovarian Cancer Research	1	68,944
UNIVERSITY HAWAII FOUNDATION	Janice Uchida	Plant and Environmental Protection Sciences	Research on Plant Ornamental Diseases	1	15,000
UNIVERSITY HAWAII FOUNDATION	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Pelagic Fisheries Research	1	26,125
UNIVERSITY HAWAII FOUNDATION	Leslie Watling	Department of Biology (Biology Program)	The Deep Sea Corals Miscellaneous Research Expenses	1	5,000
UNIVERSITY HAWAII FOUNDATION	Lishomwa Chakanga Ndhlovu	Department of Tropical Medicine, Medical Micro and Pharm	Immune Function	1	35,000
UNIVERSITY HAWAII FOUNDATION	Michael Kawate	Plant and Environmental Protection Sciences	Pesticide Registration Program	1	18,100
UNIVERSITY HAWAII FOUNDATION	Michele Carbone	Natural Products	Mesothelioma Spore Research	1	166,130

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Michele Carbone	University of Hawaii Cancer Center	UH Cancer Center: Research on New Mesothelioma Treatment Agents	1	22,175
UNIVERSITY HAWAII FOUNDATION	Stefan Moisyadi	Department of Anatomy, Biochemistry, and Physiology	Nanobody Research Fund	1	45,000
UNIVERSITY HAWAII FOUNDATION	Wen-Ming Chu	Natural Products	2015 Pilot Study Award (Hepatocellular Carcinoma)	1	2
UNIVERSITY HAWAII FOUNDATION	Yingfei Dong	Electrical Engineering	UAS Applications and Security	1	16,000
WORLD TURTLE TRUST	David Duffy	Department of Botany	Hawaii Island Hawksbill Turtle Recovery Project	1	65,695

**Mainland- Business and Other**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ALLERGAN INC	David Jameson	Department of Cell and Molecular Biology	Probing the Oligomerization State of FGF Receptors Using TIRF N&B	1	109,832
ALLERGAN INC	David Jameson	Department of Cell and Molecular Biology	Probing the oligomerization state of FGF receptors using TIRF N&B	1	229,613
Dudek	Daniel Rubinoff	Plant and Environmental Protection Sciences	Casey's June Beetles	1	20,993
JET PROPULSION LAB-JPL	David Sanders	Institute for Astronomy	The Euclid/WFIRST Spitzer Legacy Survey	1	163,645
JET PROPULSION LAB-JPL	Shiv Sharma	Hawaii Institute of Geophysics and Planetology (HIGP)	SuperCam: Active and Reflectance Mineralogy, Astrobiology, Chemistry, and Imaging at Remote Distances	1	26,125
LAWRENCE LIVERMORE NATL LAB	Stephen T Dye	Department of Physics and Astronomy	Remote Discovery and Monitoring of Small Reactors	1	60,000
MALIN SPACE SCIENCE SYSTEMS	Scott Rowland	Department of Geology and Geophysics	University of Hawaii Participation in Mars Science Laboratory (MSL)	1	31,736
Predictive Science Inc.	Jeffrey Kuhn	Institute for Astronomy	SHINE: Exploring a New Technique for Measuring the Vector Magnetic Field in the Solar Corona	1	50,794
Q-Peak, Inc.	Anupam Misra	Hawaii Institute of Geophysics and Planetology (HIGP)	Compact Laser for In-Situ Compositional Analysis: Phase 2	1	113,696



**Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
SPACE TELESCOPE SCIENCE INSTITUTE	Harald Ebeling	Institute for Astronomy	A Snapshot Survey of The Most Massive Clusters of Galaxies	1	8,138
SPACE TELESCOPE SCIENCE INSTITUTE	Michael Liu	Institute for Astronomy	Dynamical Masses for Free-Floating Planetary-Mass Binaries	1	11,731
SPACE TELESCOPE SCIENCE INSTITUTE	R Tully	Institute for Astronomy	TRGB Distances to the Edge Between the Local Sheet and Virgo Infall: Last of the Low Hanging Fruit	1	77,040
SWCA ENVIRONMENTAL CONSULTANTS	David Duffy	Department of Botany	Statewide Noxious Invasive Pest Program (SNIPP) Year 2	4	166,646
Sandia National Laboratories	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Support for Sensor Calibration Standards [Year 2]	1	21,500
Wyle Laboratories, Inc.	Veronica Bindi	Department of Physics and Astronomy	Study GCR Flux Data from Alpha Magnetic Spectrometer (AMS) Data	1	380,000

**Mainland- Health Organizations**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN HEART ASSOCIATION	William Boisvert	Department of Medicine	Cholesterol Crystals Generated by Endothelial Cells May Initiate Atherogenesis	1	75,000
HUTCHINSON (FRED) CANCER RESRCH CTR	Loic Le Marchand	Cancer Etiology	Using Functional Genomics to Inform Gene Environment Interactions for Colorectal Cancer	1	120,494

**Mainland- Non-Profit Organizations**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
American Bird Conservancy	David Duffy	Department of Botany	Establishing New Populations of Endangered Species at Kilauea Point National Wildlife Refuge, Hawaii (Kilauea 5)	1	70,501
American Bird Conservancy	David Duffy	Department of Botany	Improving Habitat Conditions for Palila, Maui Parrotbill, and Kauai Forest Birds, 2017	1	364,550
BATTELLE MEMORIAL INSTITUTE	Craig Jensen	Department of Chemistry	In situ Studies of Magnesium Boranes	1	80,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
BATTELLE MEMORIAL INSTITUTE	Gary Varner	Department of Physics and Astronomy	US Belle II Project Subcontract	1	10,000
Britton Fund Inc	Zhiqiang Cheng	Plant and Environmental Protection Sciences	Management of New Invasive Pests of Ficus Trees in Hawaii's Urban Landscapes	1	6,938
CADES FOUNDATION (J RUSSELL/CHARLOTTE MCL)	Daniel Hartline	Pacific Biosciences Research Center	Support of Bioscience Research and Training at the Bekesy Laboratory	1	20,000
CALIFORNIA ASSOCIATION RESEARCH IN ASTRONOMY (KECK)	Jessica Lu	Institute for Astronomy	Restoring and Optimizing the OSIRIS Data Reduction Pipeline	1	8,651
CALIFORNIA ASSOCIATION RESEARCH IN ASTRONOMY (KECK)	Mark Chun	Institute for Astronomy	Exoplanet Science with Infrared Wavefront Sensing and Keck Adaptive Optics	1	171,809
CONSORTIUM FOR OCEAN LEADERSHIP	Kevin Johnson	Department of Geology and Geophysics	Ocean Science for Rural Communities via Informal Science Education: Pop-Up/Drill Down Science	1	47,811
Coral Reef Alliance	Tracy Wiegner	Natural Sciences Division	Local Engagement for Conservation Solutions: Measuring the Impact of Management Action in South Kohala, Hawaii Island	1	21,774
Duke University	Susan Brown	Department of Oceanography	Marine Algae Industrialization Consortium (MAGIC): Combining Biofuel and High-Value Bioproducts to Meet the RFS	1	242,003
Institute for Wildlife Studies	Jene Michaud	Geology-Geophysics	Natural Resource Condition Assessments for Pu'ukohola Heiau National Historic Site, Kaloko-Honokohau National Historical Park, and Pu'uhonua o Hoanau National Historical Park	1	1,100
Institute for Wildlife Studies	Megan Donahue	Hawaii Institute of Marine Biology (HIMB)	Natural Resource Condition Assessment for Puukohola Heiau National Historic Site, Kaloko-Honokohau National Historical Park, and Puuhonua o Honaunau National Historical Park	1	1,350
Institute for Wildlife Studies	Rebecca Ostertag	Natural Sciences Division	Natural Resource Condition Assessments for Puukohola Heiau National Historic Site, Kaloko-Honokohau National Historical Park, and Puuhonua o Hoanau National Historical Park	1	1,350

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATURE CONSERVANCY, THE	Megan Donahue	Hawaii Institute of Marine Biology (HIMB)	TNC-PMNM Coral Disease Monitoring Program Postdoc Support	1	66,142
Schmidt Marine Technology Partners	Brian Glazer	Department of Oceanography	Incorporating Emergent, Affordable, Open-Source Electronics into Coral Reef Monitoring and Research	1	75,000

**National Aeronautics and Space Administration**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Alexander Krot	Hawaii Institute of Geophysics and Planetology (HIGP)	Thermal and Alteration History of the CV Parent Asteroid	1	175,000
NATIONAL AERONAUT & SPACE ADM	Bo Qiu	Department of Oceanography	Exploring New Upper Ocean Circulation Dynamics through Synergy of the SWOT Satellite Mission and High-Resolution OGCMs	1	65,605
NATIONAL AERONAUT & SPACE ADM	Bo Qiu	Department of Oceanography	Investigation of Multi-Scale Ocean Circulation Dynamics and Variability based on Satellite Altimetry and Modeling Simulations	1	155,574
NATIONAL AERONAUT & SPACE ADM	Daniel Huber	Institute for Astronomy	Asteroseismology of the Brightest K2 Stars - UHawaii	1	5,032
NATIONAL AERONAUT & SPACE ADM	Daniel O'gara	Institute for Astronomy	NNG11383774-3M Satellite Laser Ranging Support Services for the Transportable Laser Ranging System (TLRS-4) Haleakala, Maui	1	16,000
NATIONAL AERONAUT & SPACE ADM	Donald Hall	Institute for Astronomy	A 1.5k x 1.5k class photon counting HgCdTe linear avalanche photo-diode array for low background space astronomy in the 1 - 5 micron infrared.	1	480,986
NATIONAL AERONAUT & SPACE ADM	Gary Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Analyzing Genesis Solar Wind Samples by Ion Microprobe	1	193,000
NATIONAL AERONAUT & SPACE ADM	Gary Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Chemical and Isotopic Investigations of Presolar and Early Solar System Materials	1	113,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	John Carl Hamilton	Physics and Astronomy	Biologic Analog Science Associated with Lava Terrains: ConOps Development for Future Human Exploration of Mars	1	50,000
NATIONAL AERONAUT & SPACE ADM	Jonathan Williams	Institute for Astronomy	Proposal: Super-Earths or Jupiters? - Measuring the Gas-to-Dust Ratio in Protoplanetary Disks	1	117,125
NATIONAL AERONAUT & SPACE ADM	Kazuhide Nagashima	Hawaii Institute of Geophysics and Planetology (HIGP)	Oxygen-isotope investigations on chondrules and matrices from primitive meteorites	1	111,000
NATIONAL AERONAUT & SPACE ADM	Kimberly A Binsted	Information and Computer Sciences	Using Analog Missions to Develop Effective Team Composition Strategies for Long Duration Space Exploration	1	250,000
NATIONAL AERONAUT & SPACE ADM	Oleg Melnichenko	International Pacific Research Center (IPRC)	Diagnosing mechanisms of the ocean eddy heat and salt transport variability from satellite and in-situ observations	1	144,879
NATIONAL AERONAUT & SPACE ADM	Oleg Melnichenko	International Pacific Research Center (IPRC)	Dynamics of multiple, migrating quasi-zonal jets in the ocean	1	95,430
NATIONAL AERONAUT & SPACE ADM	Philip A Von Doetinchem	Department of Physics and Astronomy	The GAPS Experiment: A Search for Dark Matter Using Low Energy Antiprotons and Antideuterons	1	58,971
NATIONAL AERONAUT & SPACE ADM	Ralf Kaiser	Department of Chemistry	Untangling the Formation of Alkylphosphonic Acids in Interstellar Analog Ices	1	179,000
NATIONAL AERONAUT & SPACE ADM	Richard E Griffiths	Physics and Astronomy	X-ray Selected Active Galactic Nuclei at High Redshift: Halo Masses and Sources of the Soft X-ray Background Counts	1	95,513
NATL AERONAUTICS & SPACE ADM-Goddard Space Flight Ctr	Christoph J Baranec	Institute for Astronomy	Robo-AO Kitt Peak observing support of 'Disk Detective Follow-Up Program' NASA16-XRP16_2-0127	1	22,128

**National Science Foundation**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Benoit Welsch	Department of Geology and Geophysics	Advances in Crystal Growth: Experimental and Microscopic Study of Olivine Phosphorus Zoning	1	133,428

## Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Bin Chen	Hawaii Institute of Geophysics and Planetology (HIGP)	CAREER: Elasticity and Lattice Dynamics of Iron Alloys under Earth's Core Conditions	1	112,375
NATIONAL SCIENCE FOUNDATION	Brian Popp	Department of Geology and Geophysics	Collaborative Research: Isotopic insights to mercury in marine food webs and how it varies with ocean biogeochemistry	1	7,075
NATIONAL SCIENCE FOUNDATION	Glenn Carter	Department of Oceanography	Collaborative Research: Hydraulic Control and Mixing of the Deep Ocean Flow through the Samoan Passage	1	194,671
NATIONAL SCIENCE FOUNDATION	Kelvin Richards	International Pacific Research Center (IPRC)	Collaborative Research: The Impact of Climate Change on the Physics and Biology of the Ocean on Scales Down to the Submesoscale	1	786,292
NATIONAL SCIENCE FOUNDATION	Michael Garcia	Department of Geology and Geophysics	Uncovering Hotspot Volcanism: Mantle Melting, Magmatic Plumbing, Explosive Eruptions and Crustal Contamination at Kilauea Volcano, Hawaii	1	3,538
NATIONAL SCIENCE FOUNDATION	Norine Wing Yeung Hayes	Pacific Biosciences Research Center	COLLABORATIVE RESEARCH: ARTS: Revisionary systematics of the highly threatened Achatinellidae: an integrative phylogenetic approach	1	479,877
NATIONAL SCIENCE FOUNDATION	Richard Zeebe	Department of Oceanography	Collaborative Research: An Eocene perspective on future recovery rates of climate and ocean chemistry	1	252,272
NATIONAL SCIENCE FOUNDATION	Robert Toonen	Hawaii Institute of Marine Biology (HIMB)	RCN: Diversity of the Indo-Pacific Network (DIPnet): A collaborative research network and database for advancing marine biodiversity research	1	91,148
NATIONAL SCIENCE FOUNDATION	Thomas Ranker	Department of Botany	Collaborative Research: Plant, Fungal and Linguistic Diversity of Tafea Province, Vanuatu	1	6,250

### US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ARIZONA STATE UNIVERSITY	Joseph Boyce	Hawaii Institute of Geophysics and Planetology	Fluidized Ejecta Craters: Characterization of Morphology and Assessment of	1	14,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
		(HIGP)	Possible Mechanisms of Ejecta Emplacement		
ARIZONA STATE UNIVERSITY	Joseph Boyce	Hawaii Institute of Geophysics and Planetology (HIGP)	LROC Targeting and Scientific Analysis	1	12,667
CALIFORNIA BERKELEY, UNIVERSITY OF	Gary Varner	Department of Physics and Astronomy	Development of Large Area (10x10cm) Photon Counting UV Detectors	1	110,511
CALIFORNIA LOS ANGELES, UNIV	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Support to UCLA LRO Diviner Experiment	2	47,542
CALIFORNIA SAN DIEGO, UNIV-SCRIPPS INST OF OCEAN	Eric Firing	Joint Institute for Marine and Atmospheric Research (JIMAR)	Collaborative Research: Global Ocean Repeat Hydrography, Carbon, and Tracer Measurements, 2015-2020	1	51,452
CALIFORNIA SAN DIEGO, UNIV-SCRIPPS INST OF OCEAN	Nikolai Maximenko	International Pacific Research Center (IPRC)	Studies of Near-Surface Salinity with Surface Lagrangian Drifters in Support of SPURS-2	1	50,324
HAWAII PACIFIC UNIVERSITY	Christy-ann Nishita	Center on Aging	Honolulu as an Age-Friendly City	1	48,840
MARYLAND, UNIVERSITY OF	Kimberly Carlson	Natural Resources and Environmental Mgt	Assessing the Potential Influence of Zero-Deforestation Corporate Supply Chain Commitments on Tropical Land Cover	1	62,833
MIAMI, UNIVERSITY OF	Jason W Mitchell	Office of Public Health Studies	Development of a HIV Prevention Toolkit for At-Risk HIV-Negative Male Couples	1	7,754
MICHIGAN, UNIVERSITY OF	Timothy Halliday	Social Science Research Institute	Economic Status, Health, & Wellbeing Over the Life Course and Across Generations	1	20,000
MINNESOTA, UNIVERSITY OF	Loic Le Marchand	Cancer Etiology	Mechanisms of Ethnic/Racial Differences in Lung Cancer Due to Cigarette Smoking - Core B	1	242,912
Morehouse School of Medicine	Michael Carney	Department of Obstetrics, Gynecology and Women's Health	Evaluation of Metronomic Chemotherapy Regimens in Ovarian Cancer Models	1	40,000
NEW YORK UNIVERSITY	Haining Yang	Natural Products	The EDRN Mesothelioma Biomarker Discovery Laboratory	1	50,952
NORTH CAROLINA CHAPEL HILL, UNIV	Wei Jia	Cancer Etiology	Altered Hepatic Disposition of Anionic Drugs-Mechanisms	1	15,813

**Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ROCHESTER, UNIVERSITY OF	Lee Buenconsejo-Lum	Department of Family Medicine and Community Health	University of Hawaii USAPI Technology-Assisted Behavior Change pilot	2	50,602
SOUTHERN CALIFORNIA, UNIVERSITY OF	Karl E Kim	Urban and Regional Planning	University Transportation Center - Region 9	1	136,000
UTAH STATE UNIVERSITY	Hue Nguyen	Tropical Plant and Soil Science	Improving Nitrogen Synchronization of Local Fertilizers, Soil Fertility, and Crop Quality with Biochar Application	1	89,071
UTAH STATE UNIVERSITY	Jari Sugano	Tropical Plant and Soil Science	Deploying SOAPs Hot Shot Team to Identified Hot Spot Locations to Advance Sustainable and Organic Agriculture Practices in Hawaii	1	24,750
UTAH STATE UNIVERSITY	Mark Thorne	Human Nutrition, Food and Animal Sciences	Development of an Individual Free-Choice Mineral Supplementation Program for Sustainable Grazing Management of Hawaii's Rangelands	1	118,283
Vanderbilt University Medical Center	Adrian Franke	Natural Products	Sex Hormones, Phytoestrogens, and Lung Cancer in Female Nonsmokers	1	48,467
WASHINGTON, UNIVERSITY OF	David Ho	Department of Oceanography	Collaborative Research: Global Ocean Repeat Hydrography, Carbon, and Tracer Measurements, 2015-2020	1	16,988
<b>Research - Total</b>				<b>234</b>	<b>44,996,874</b>

**Non-Research**

**DA-Dept of Agriculture**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-FED	Andrea Kawabata	Hawaii County	Area-Wide IPM for Coffee Berry Borer Control in Hawaii	2	106,796
AGRICULTURE, DEPT-NATRL RES SVC-FED	Sayed Bateni	Water Resources Research Center	Real-Time Optimization of Irrigation Scheduling for Farmlands in Hawaii, Guam, and American Samoa	1	979,927

**DHHS-Dept of Health and Human Services**

**Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-HRSA-FED MATERNAL & CHILD HLTH	Louise Iwaishi	Department of Pediatrics	EMSC Partnership Grants	1	74,789
HEALTH & HUMAN SVC, DEPT-NIH-FED	Kelley Withy	Department of Complementary and Alternative Medicine	The Hawaii Science Career Inspiration (HiSCI) Program	1	218,701
HEALTH & HUMAN SVC, DEPT-NIH-FED	Lynn Morrison	Anthropology (UH Hilo)	Students of Hawaii Advanced Research Program	1	346,820
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DIAB DIG KIDN DIS	George Hui	Department of Tropical Medicine, Medical Micro and Pharm	Pacific High Schools STEP-UP to Biomedical Research	1	164,376
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Jonathan B Lynch	Pacific Biosciences Research Center	Determination of outer membrane vesicle composition and effector activity in the <i>Vibrio fischeri</i> - <i>Euprymna scolopes</i> symbiosis	1	1,000

**DOC-Dept of Commerce**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Maya Walton	Sea Grant College Program	Fiscal Year 2017 National Sea Grant College Program Dean John A. Knauss Marine Policy Fellowship - Adrienne Copeland	1	56,500
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Maya Walton	Sea Grant College Program	HI_Newell FY2017 Knauss - Martha Newell	1	56,500
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Kenneth Kaneshiro	Pacific Biosciences Research Center	Hawaii Conservation Alliance Annual Membership Dues	1	12,154

**DOI-Dept of Interior**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-FISH & WILDLIFE SVC	Sharon Ziegler	Vice Chancellor for Research	Program Support for PICCC	1	57,341
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Kenneth Kaneshiro	Pacific Biosciences Research Center	USGS - Pacific Island Climate Science Center HCA Membership	1	9,000
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Kenneth Kaneshiro	Pacific Biosciences Research Center	USGS Pacific Island Climate Science Center Membership Dues for Hawaii Conservation Alliance	1	9,000



Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

**Federal Agencies**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
JAPAN UNITED STATES FRIENDSHIP COMMISSION	Wendy Kuntz	Chancellor, Kapiolani Community College	Kai Yama 2017: An International Student and Faculty Exchange Exploring Sustainability, Environment, and Community in the Past and Present	1	45,000
SMALL BUSINESS ADMINISTRATION	Donald Straney	Chancellor, UH Hilo	New VBOC Award	1	250,000

**Foreign**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AstraZeneca	Michael Carney	Clinical Sciences	A Phase III, Randomised, Double Blind, Placebo Controlled, Multicentre Study of Olaparib Maintenance Monotherapy in Patients with BRCA...	1	31,964
Estetra SPRL	Bliss Kaneshiro	Department of Obstetrics, Gynecology and Women's Health	E4 Freedom	1	5,000
GUAM, GOVERNMENT - Public Health and Social Services	Cyril Goshima	Department of Medicine	Intergovernmental Cooperative Agreement Between the Guam Department of Public Health & Social Services Northern & Southern Region Community Health Centers & HAETC on Behalf of PCMH	1	156,857
GUAM, GOVERNMENT - Public Health and Social Services	Lee Buenconsejo-Lum	Department of Family Medicine and Community Health	Pacific Regional Comprehensive Cancer Control program (Guam DPHSS subcontract)	1	20,000
GUAM, GOVERNMENT - Public Health and Social Services	Norman Okamura	Social Science Research Institute	Onsite Technical Support for Guam DPHSS Information Communication Technology System, Health Information Technology System, Data Warehouse and Data Analysis Project	1	96,460
GUAM, GOVERNMENT - Public Health and Social Services	Norman Okamura	Social Science Research Institute	Technical Assistance in the Planning, Implementation, and Training on Electronic Health Record (EHR) Data Extract, Transport, Load (ETL) and Analysis for Guam Community Health Center	1	57,000

**Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
KOREA FOUNDATION	Seri Luangphinit	Humanities Division	The Paths we Cross: A Look at Korean and Korean-American Culture, Art, and History on the Big Island	1	12,500
Toronto, University of	Monisha Das Gupta	Ethnic Studies	University of Toronto One Week International Module for ANT 327H (Diversity)	1	4,065
Waseda University	Spencer Kimura	William S. Richardson School of Law	Hawaii Law Study Tour 2017	1	7,000

**Hawaii- Business and Other**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ALU LIKE INC	Kaleialoha O K Lum-Ho	University College	Honolulu Community College - Po`i Na Nalu	1	15,000
Aquafeed.com, LLC	David Krupp	Chancellor, Windward Community College	Re-Use of Fish Processing Wastes for a Supplemental Fish Feed and a Liquid Fish Fertilizer	1	53,051
HAWAII COUNCIL FOR THE HUMANITIES	Seri Luangphinit	Humanities Division	The Paths We Cross: A Look at Korean and Korean-American Culture, Art, and History on the Big Island	1	9,420
HAWAII COUNCIL FOR THE HUMANITIES	Victoria Szymczak	William S. Richardson School of Law	Jon Van Dyke Collection	1	6,975
KAMEHAMEHA SCHOOLS	Kay Fukuda	Student Equity Excel & Diversity	Kakou Waianae	1	192,000
KAMEHAMEHA SCHOOLS	Keiki Kawaiaea	Hale Kuamo'o Center	Develop Informational Text Resources for K-3 Hawaiian Immersion Classrooms	1	100,000
KAMEHAMEHA SCHOOLS	Scott Kikilo	Kamakakuokalani Center for Hawaiian Studies	Hawaiian Studies Malama 'Aina Field School & Training Program Oahu Island	1	71,135
SEA ENGINEERING, INC.	Kwok Fai Cheung	Department of Ocean and Resources Engineering	Ocean Engineering Internship	1	33,505

**Hawaii- Dept of Education**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-HI	Donald Young	College of Education	Cooperative Agreement for the Hawaii Afterschool Alliance	1	75,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-HI	Joni Onishi	Academic Affairs (Hawaii CC)	2017 Child Care Food Program	1	13,200

**Hawaii- Government Agencies**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Cynthia Lynn Reeves	Maui County	Development of Beginner Farmer Education Plots on Maui	1	37,800
AGRICULTURE, DEPT-HI	Stuart Nakamoto	Human Nutrition, Food and Animal Sciences	Establishing Fields for an Ohelo Kau Kaau Industry	1	26,500
BUSINESS, ECONOMIC DEV&TOUR-OFC OF PLANNING	Michael Hamnett	Social Science Research Institute	Using Marxan to Set Conservation Targets and Priority Areas for Coral Bleaching Recovery Implementation: Synthesizing Geographic Data	1	25,058
COUNTY KAUAI	Darren Okimoto	Sea Grant College Program	Coastal Processes and Land Use Extension Project	1	126,512
COUNTY MAUI OFC OF ECON DEVEL	Lynn C Nakamura-Tengan	Maui County	FSMA Safety Training	1	12,400
HAWAIIAN AFFAIRS, OFFICE OF	Gus Cobb-Adams	Chancellor, Windward Community College	Windward High School Senior Transition Day 2017	1	4,000
HEALTH, DEPT-CHILD/ADOLESC MENTAL HLTH DIV-HI	Daniel Alicata	Department of Psychiatry	DOH FY17 Child Inpatient Mental Health Services / Child Clinical and Admin Services and Residency Program and PCI	1	1,220,363
HEALTH, DEPT-Chronic Disease Prevention & Health Promotion Div-HI	Opal Buchthal	Office of Public Health Studies	SNAP-ED Evaluation MOA	1	28,000
HEALTH, DEPT-Chronic Disease Prevention & Health Promotion Div-HI	Rebecca Joy Schweitzer	Office of Public Health Studies	CDC 1305	1	68,229
HEALTH, DEPT-DEVELOPMENTAL DC-HI	Satoru Izutsu	John A. Burns School of Medicine	Hawaii Neurotrauma Registry Project DOH 17-111	1	98,819
HEALTH, DEPT-HI	Jeanelle June Sugimoto-matsuda	Department of Psychiatry	DOP/IPCS Contract for Training Coordination	1	49,400
HEALTH, DEPT-HI CLEAN WATER BRANCH	Darren Okimoto	Sea Grant College Program	Implementation of Best Management Practices to Reduce Nonpoint Pollution and Storm Water Runoff in the Waiulaula Watershed	1	79,534

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH, DEPT-HI CLEAN WATER BRANCH	Maya Walton	Sea Grant College Program	Heeia Fishpond Mangrove Removal and Water Quality Improvement	1	189,504
HEALTH, DEPT-TOBACCO SETTLEMENT-HI	Rebecca Joy Schweitzer	Office of Public Health Studies	Technical Assistance Service to Local Police Departments Enforcing the Prohibition of Tobacco and Electronic Smoking Devices Sales to Persons Under Twenty-One Years of Age	1	161,000
HUMAN SERVICES, DEPT-HI	Christy-ann Nishita	Center on Aging	Hawaii Adult Protective Services Quality Assurance and Data (HAPSQAD) Project	1	89,657
HUMAN SERVICES, DEPT-HI	Faye Kimura	William S. Richardson School of Law	Voluntary Foster Care to 21 Project	1	451,077
Hawai'i State Foundation on Culture and the Arts	Jeffrey Boeckman	Music (UH Manoa)	UH-Manoa Wind Ensemble Workshop/Performance Residency with Hawaii (Big Island) Schools	1	6,509
Hawai'i State Foundation on Culture and the Arts	Kemuel Demoville	Chancellor, Leeward Community College	42nd Season - YOUR Leeward Theatre	1	16,414
Hawai'i State Foundation on Culture and the Arts	Rodney Bengston	Art and Art History	Exhibitions and Intersections	1	5,290
Hawai'i State Foundation on Culture and the Arts	Timothy Slaughter	Community Programs	SCEP: Presenting & Touring Outreach	1	59,200
Hawaii Housing Finance and Development Corporation	Matthew K Lynch	VP For Administration	Rescaling Urbanism: An Alternative Framework for Promoting a Localized and Resilient Built Environment in Hawaii	1	31,300
Health, Dept-HI Maternal and Child Health Branch	Tamara Tom	Center on Disability Studies/University Affiliated Pgms	The Pono Choices Project	1	24,996
Health, Dept-Office of Planning, Policy, and Program Dev-HI	Roy Goo	Pharmacy Practice	Establishment of a collaborative on Antimicrobial Stewardship Programs and the Implementation of ASPs in Critical Access Hospitals and Long Term Care Facilities Across the State.	1	10,000
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Alice Li Hagan	Outreach College	DLIR/WDD UH Manoa Employment and Training Fund Program	1	40,000
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Calvin Shirai	Continuing Education and Training (Kauai CC)	DLIR/WDD Kauai CC Employment and Training Fund Program	1	20,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Carol Hoshiko	Continuing Education / Non-Credit Program	DLIR/WDD Kapiolani CC Employment and Training Fund Program	1	30,000
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Deborah Shigehara	Office of Continuing Education & Training	DLIR/WDD Hawaii CC Employment and Training Fund Program	1	30,000
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Julie Mowrer	College of Continuing Education and Community Svc	DLIR/WDD University of Hawaii at Hilo Employment and Training Fund Program	1	50,000
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Ronald Takahashi	Chancellor, Kapiolani Community College	Apprenticeship State Expansion Grant Culinary and Healthcare Apprenticeship Programs	1	1,167,291
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Ronny Umehira	Continuing Education and Workforce Dev	DLIR/WDD Leeward CC Employment and Training Fund Program	1	250,000
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Steven W Auerbach	Pacific Center for Advanced Technology Training	DLIR/WDD Honolulu CC Employment and Training Fund Program	1	24,000
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Thomas Moser	Vocational and Community Education	DLIR/WDD Windward CC Employment and Training Fund Program	1	33,000
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Tomone K T Hanada	Non-Credit Programs (UH Maui College)	DLIR/WDD Maui College Employment and Training Fund Program	1	60,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Steps to Success: Building a Database of Rules for Makai Watch	1	13,173
LAND & NATURAL RES, DPT-BOATING & OCEAN REC (DLNR)	Michael Hamnett	Social Science Research Institute	Day Use Mooring - Phase V	1	48,402
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Ahihi-Kinaiu Natural Area Reserve Education and Outreach	1	35,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Natural Area Reserve Management: Education & Outreach	1	95,135
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Kauai Wildlife Habitat Restoration and Management	1	35,010
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Trail and Access Management - Maui	1	153,460

**Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	Susan Jarvi	Pharmaceutical Sciences	Introducing integrated pest management strategies to Hawaii School Garden Projects to advance rat lungworm disease education and control invasive mollusks, carriers of rat lungworm parasites.	1	65,634
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Native Invertebrate Program - Invertebrate Captive Propagation	1	165,392
LAND & NATURAL RESOURCES, DEPT (DLNR) OFC CONS COAST LDS	Darren Lerner	Sea Grant College Program	Coastal Lands Coordinator	1	156,390
LAND & NATURAL RESOURCES, DEPT (DLNR) OFC CONS COAST LDS	Darren Lerner	Sea Grant College Program	Shoreline Specialist	1	213,987
TRANSPORTATION, DEPT-HI	Cheryl Ann Stiglmeier	Continuing Education and Training (Kauai CC)	Ensuring Motorcycle, Scooter and Moped-Strategy: Providing Training for Enforcement on all Aspects of Motorcycle Safety	1	11,983
TRANSPORTATION, DEPT-HI	Tomone K T Hanada	Chancellor, UH Maui College	Maui Community College Motorcycle Safety Education	1	9,440

**Hawaii- Health Organizations**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
PACIFIC IN VITRO FERTILIZATION INSTITUTE	Ivica Zalud	Department of Obstetrics, Gynecology and Women's Health	REIMBURSEMENT AGREEMENT FSA16-PIVF-OBGYN-B MODIFICATION #1	1	3,000
PACIFIC IN VITRO FERTILIZATION INSTITUTE	Ivica Zalud	Department of Obstetrics, Gynecology and Women's Health	REIMBURSEMENT AGREEMENT NO. SF17-PIVF-OBGYN-B	1	35,495
QUEEN'S MEDICAL CENTER	Kenneth Nakamura	Department of Pediatrics	REIMBURSEMENT AGREEMENT FY2017 - SF17-QEC-PEDS	1	18,234
WAIMANALO HEALTH CENTER	Dina Shek	William S. Richardson School of Law	WHC and MLP Hawaii	1	23,000

**Hawaii- Non-Profit Organizations**

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
808 Cleanups	Michael Hamnett	Social Science Research Institute	Spatial Mapping of Community Cleanup Efforts in the Main Hawaiian Islands	1	4,000
HMSA Foundation	Francine Ching	Chancellor, UH Maui College	UH Maui Fit	1	24,092
Hawaii Cancer Consortium	Joe Ramos	University of Hawaii Cancer Center	HCC - UHCC General Operating Expenses Agreement	1	1,052,579
Hawaii Cancer Consortium	Joe Ramos	University of Hawaii Cancer Center	HCC-UHCC General Operating Expenses Agreement	1	30,000
Hawaii Justice Foundation	Aviam Soifer	William S. Richardson School of Law	HELP - Hawaii Emerging Legal Practitioners	1	44,000
Institute for Human Services	John Barile	Psychology (UH Manoa)	Housing First Evaluation	1	40,000
KOKUA KALIHI VALLEY	Dina Shek	William S. Richardson School of Law	Medical Legal Partnership in Hawaii (MLP Hawaii)	1	6,705
PAC RESOURCES FOR ED & LEARNING (PREL)	Donald Young	College of Education	Pacific Regional Comprehensive Center	1	164,000
PACIFIC AMERICAN FOUNDATION	Mark Heckman	Hawaii Institute of Marine Biology (HIMB)	"Kulia Natural Resource Stewardship Program" for Native Hawaiian Middle and High School Students of Windward O'ahu	1	65,387
UNIVERSITY HAWAII FOUNDATION	Aris Banaag	Academic Affairs (UH Maui College)	UHMC Military Veterans Fund	1	1,246
UNIVERSITY HAWAII FOUNDATION	Brenda Yukari Hernandez	University of Hawaii Cancer Center	McCabe - UHCC Pathology Shared Resource	1	9,500
UNIVERSITY HAWAII FOUNDATION	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	W.T. Yoshimoto Fdtn. Program	2	20,500
UNIVERSITY HAWAII FOUNDATION	Denise Konan	College of Social Sciences	Osher Lifelong Learning Institute	1	13,452
UNIVERSITY HAWAII FOUNDATION	Frederick Lau	Center for Chinese Studies	Confucius Institute Support	1	57,000
UNIVERSITY HAWAII FOUNDATION	Frederick Lau	Center for Chinese Studies	Kenneth Lau Scholarships	1	1,200
UNIVERSITY HAWAII FOUNDATION	Jerris Hedges	John A. Burns School of Medicine	Assistant to Director of Research Operations-Dr. Murayama Start-Up Funds	1	80,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Jerris Hedges	John A. Burns School of Medicine	Hardman at JABSOM - Medical Nephrology for the Training of Residents	1	4,000
UNIVERSITY HAWAII FOUNDATION	John Rand	Office of the VP for Academic Planning and Policy	USA Funds - STEM Pathways	1	160,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Hawai'i P-20 Partnerships for Education Office	55 by 25 Campaign	1	15,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Hawai'i P-20 Partnerships for Education Office	Always Dream Foundation	1	15,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Hawai'i P-20 Partnerships for Education Office	Castle Core Support 2016-2018	1	75,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Office of the VP for Academic Planning and Policy	Kellogg P-3 Expenditures	1	150,000
UNIVERSITY HAWAII FOUNDATION	Laurence Paxton	Music (UH Manoa)	Music Department Service	1	5,000
UNIVERSITY HAWAII FOUNDATION	Laurence Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	1	45,067
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Astronomy Center Membership	1	57,001
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Enrichment Fund	1	55,349
UNIVERSITY HAWAII FOUNDATION	Lorna H Arita-Tsutsumi	College of Agriculture, Forestry and Natural Resource Mgt	UH Hilo Beekeeping Program	1	15,000
UNIVERSITY HAWAII FOUNDATION	Maenette Benham	Chancellor, UH West Oahu	General Support of UH West Oahu	1	100,000
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	Support of a Marine Science Learning Center at Moku o Lo'e	1	2,375
UNIVERSITY HAWAII FOUNDATION	Marcus Tius	Natural Products	J & M Sullivan Endowed Cancer Fund	1	42,300
UNIVERSITY HAWAII FOUNDATION	Mark Lane	Chancellor, Leeward Community College	General Support of LCC	1	30,000



**Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Mary Boland	School of Nursing and Dental Hygiene	The Matsuda Sano Chair	1	34,000
UNIVERSITY HAWAII FOUNDATION	Matthew Platz	Anthropology (UH Hilo)	Heritage Management Faculty Salary Fund	1	57,000
UNIVERSITY HAWAII FOUNDATION	Maureen Shannon	Department of Nursing	HIPEC Alliance	1	47,500
UNIVERSITY HAWAII FOUNDATION	Michel Mohr	Religion (UH Manoa)	Numata Visiting position. Funds will come from the Numata Chair* account #121-2420-4.	1	74,501
UNIVERSITY HAWAII FOUNDATION	Myhraliza Aala	College of Engineering	HEI Internship & Ambassador Program	1	12,000
UNIVERSITY HAWAII FOUNDATION	Myhraliza Aala	College of Engineering	STEM ESA	1	9,000
UNIVERSITY HAWAII FOUNDATION	Noreen Mokuau	School of Social Work	Barbara Cox Anthony Aging Project	1	150,772
UNIVERSITY HAWAII FOUNDATION	Peter Arnade	College of Arts and Humanities	Faculty Excellence Awards	1	9,000
UNIVERSITY HAWAII FOUNDATION	Peter Quigley	Office of the Vice President for Community Colleges	The UH and USAF Partnership: Building Hawaii's Innovation Economy & Workforce (Innovation Workforce Program)	1	480,987
UNIVERSITY HAWAII FOUNDATION	Peter Quigley	Office of the Vice President for Community Colleges	The UH and USAF Partnership: Building Hawaii's Innovation Economy & Workforce	1	75,000
UNIVERSITY HAWAII FOUNDATION	Randall F Holcombe	University of Hawaii Cancer Center	Project B: Cancer Research Center of Hawaii	1	328
UNIVERSITY HAWAII FOUNDATION	Robert Littman	Dept of Languages and Literatures of Europe and the Americas	Hebrew Lecturer	1	2,500
University Health Partners	Cecilia Shikuma	Department of Medicine	UHP - UH Subcontract	1	41,706

**Mainland- Business and Other**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
BRISTOL-MYERS SQUIBB COMPANY	Shane Morita	Clinical Sciences	A US Multisite Observational Study in Patients with Unresectable and	1	56,201

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
			Metastatic Melanoma: the OPTIMIZE Study		
ContraMed	Bliss Kaneshiro	Department of Obstetrics, Gynecology and Women's Health	Evaluation of the Effectiveness, Safety and Tolerability of LevoCept (Levonorgestrel-Releasing Intrauterine System) for Long-Acting Reversible Contraception	1	236,735
Dendreon Pharmaceuticals, Inc	Charles Joel Rosser	Clinical Sciences	Phase Ib Study Assessing Different Sequencing Regimens of Atezolizumab (anti-PD-L1) and Sipuleucel-T in Patients Who Have Asymptomatic or Minimally Symptomatic Metastatic Castrate Resistant Prostate	1	204,476
GILEAD FOUNDATION - GILEAD SCIENCES INC	Cecilia Shikuma	Department of Medicine	A Phase 3, Randomized, Open-Label Study to Evaluate the Safety and Efficacy of Switching from Regimens Consisting of Boosted Atazanavir or Darunavir plus either Emtricitabine/Tenofovir or Abacavir/ La	1	154,699
Leidos	Alice Li Hagan	Outreach College	Building Operator Certification Program	1	33,600
inVentiv Clinical, LLC	John Melish	Department of Medicine	M11-352 SONAR: Study of Diabetic Nephropathy with Astrasentan	1	1,189

**Mainland- Non-Profit Organizations**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Alex's Lemonade Stand Foundation	Dana-lynn Koomoa	College of Pharmacy	Elucidating the Mechanism Whereby Native Hawaiian Plant Extracts Induce Calcium-dependent Cell Death in Drug Resistant Neuroblastoma	1	5,000
American College Health Foundation	Sulma Gandhi	Vice Chancellor for Student Affairs	No Shame, No Blame - Encouraging Help Seeking Behaviors Among Young Local Males	1	1,750
CASEY, ANNIE E., FOUNDATION	Ivette Stern	Center on the Family	Hawaii KIDS COUNT 2017	1	100,000
INSTITUTE INTERNATIONAL EDUCATION	Julio Rodriguez	College of Language, Linguistics and Literature	Language Flagship Technology Center	1	32,769
INSTITUTE INTERNATIONAL EDUCATION	Madeline Kay Spring	Department of East Asian Languages and Literature	Chinese Flagship Student Support 2016-17	1	11,006

**Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
International Foundation for Ethical Research	Yusuke Marikawa	Department of Anatomy, Biochemistry, and Physiology	In vitro embryoid body morphogenesis to reduce animal usage burdens in teratogenicity testing and pharmaceutical drug development	1	12,500
MD Anderson Cancer Center	Jeffrey Berenberg	Clinical Sciences	A Phase III Prospective Randomized Trial of Acupuncture for Treatment of Radiation-Induced Xerostomia in Patients with Head and Neck Cancer	1	5,040
NATIONAL FOUR-H COUNCIL (4-H)	Claire Nakatsuka	Oahu County	2017 4-H Connecting Youth to Nature	1	10,500
San Jose State University Research Foundation	Alexander Shor	School of Ocean and Earth Science and Technology	Marine Optical Buoy (MOBY) Mooring Site Support	1	64,800
St. Baldrick's Foundation	Bruce Shiramizu	Department of Tropical Medicine, Medical Micro and Pharm	University of Hawaii St. Baldrick's Foundation Summer Fellow 2017: Raman-Enhanced Screening Protocol Expanding Cancer Testing (RESPECT)	1	5,000

**National Aeronautics and Space Administration**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Daniel O'gara	Institute for Astronomy	Satellite Laser Ranging and Space Geodesy Services	1	150,000
NATIONAL AERONAUT & SPACE ADM	John Rayner	Institute for Astronomy	Operations and Maintenance of the Infrared Telescope Facility (IRTF) for NASA Headquarters	1	1,273,496
NATIONAL AERONAUT & SPACE ADM	Richard Wainscoat	Institute for Astronomy	NEO Discovery with Dedicated Pan-STARRS1 and Pan-STARRS2 Telescopes	1	1,139,288
NATIONAL AERONAUT & SPACE ADM	Shadia Habbal	Institute for Astronomy	Exploring the Physics of the Coronal Plasma through Imaging Spectroscopy during the 21 August 2017 Total Solar Eclipse	1	99,999

**National Science Foundation**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Alexander Shor	School of Ocean and Earth Science and Technology	R/V Kilo Moana Ship Operations 2012-2016	1	3,000,000

Gift, Grants, and Contracts for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Anthony Kuh	Electrical Engineering	Intergovernmental Personnel Act (IPA) with NSF	1	267,185
NATIONAL SCIENCE FOUNDATION	Heinz De Couet	Department of Biology (Biology Program)	IPA for Heinz Gert de Couet with National Science Foundation	1	224,235
NATIONAL SCIENCE FOUNDATION	Krystyna Aune	Graduate Education	Graduate Research Fellowship Program (GRFP)	1	858,500
NATIONAL SCIENCE FOUNDATION	Michael Hadfield	Pacific Biosciences Research Center	REU Site: Environmental Biology for Pacific Islanders	1	404,991
NATIONAL SCIENCE FOUNDATION	Yingfei Dong	Electrical Engineering	Establishing Scholarship for Service Program at University of Hawaii at Manoa	1	1,536,221

**US Colleges and Universities**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CALIFORNIA DAVIS, UNIVERSITY OF	Michael Kawate	Plant and Environmental Protection Sciences	Western Integrated Pest Management Center Regional Comments Coordinator for the American-Affiliated Pacific Islands	1	41,000
Chapman University	Rebecca Ostertag	Natural Sciences Division	N-fixation Strategies of Invasive Species	1	18,000
KANSAS STATE UNIVERSITY	Claire Nakatsuka	Oahu County	2017 4-H Military Partnership Grant - CONUS and OCONUS	1	53,350
Naval Postgraduate School	Trevor Sorensen	College of Engineering	Hardware Maintenance of MC3 Ground Station System	1	2,443
WASHINGTON STATE UNIVERSITY	Gary M Holton	Department of Linguistics	Mukurtu Hubs and Spokes: A Sustainable National Platform for Community Digital Archive Platform	1	41,570
<b>Non-Research - Total</b>				<b>160</b>	<b>22,381,214</b>
<b>Overall - Total</b>				<b>394</b>	<b>67,378,088</b>

Funds Received from UH Foundation for Jan 1, 2017 to Mar 31, 2017

**Research**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Arindam Chakrabarti	Philosophy (UH Manoa)	Indian Philosophy of Mind Research Associate	1	9,801
UNIVERSITY HAWAII FOUNDATION	Arindam Chakrabarti	Philosophy (UH Manoa)	Lenney Distinguished Professorship	1	5,000
UNIVERSITY HAWAII FOUNDATION	Bruce Shiramizu	Department of Tropical Medicine, Medical Micro and Pharm	JABSOM Raman-Enhanced Screening Protocol Expanding Cancer Testing (RESPECT)	1	9,500
UNIVERSITY HAWAII FOUNDATION	Charles Joel Rosser	Clinical Sciences	Urological Cancer Research Fund	1	10,000
UNIVERSITY HAWAII FOUNDATION	Clifford Morden	Department of Botany	Imi Pono no ka Aina Student Program Coordination	1	58,000
UNIVERSITY HAWAII FOUNDATION	David Duffy	Department of Botany	Coordinating Group on Alien Pest Species Capacity Support 2017-2018	1	70,100
UNIVERSITY HAWAII FOUNDATION	David Karl	Department of Oceanography	Global Research Lab Phase 2	1	41,317
UNIVERSITY HAWAII FOUNDATION	Ivica Zalud	Department of Obstetrics, Gynecology and Women's Health	Lakshmi Devi and Devraj Sharma Chair - Dr. Kaneshiro	1	20,000
UNIVERSITY HAWAII FOUNDATION	James Leary	Natural Resources and Environmental Mgt	CGAPS Biosecurity Graduate Research	1	56,000
UNIVERSITY HAWAII FOUNDATION	James Turkson	Natural Products	Ovarian Cancer Research	1	68,944
UNIVERSITY HAWAII FOUNDATION	Janice Uchida	Plant and Environmental Protection Sciences	Research on Plant Ornamental Diseases	1	15,000
UNIVERSITY HAWAII FOUNDATION	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Pelagic Fisheries Research	1	26,125
UNIVERSITY HAWAII FOUNDATION	Leslie Watling	Department of Biology (Biology Program)	The Deep Sea Corals Miscellaneous Research Expenses	1	5,000
UNIVERSITY HAWAII FOUNDATION	Lishomwa Chakanga Ndhlovu	Department of Tropical Medicine, Medical Micro and Pharm	Immune Function	1	35,000
UNIVERSITY HAWAII FOUNDATION	Michael Kawate	Plant and Environmental Protection Sciences	Pesticide Registration Program	1	18,100

### Funds Received from UH Foundation for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Michele Carbone	Natural Products	Mesothelioma Spore Research	1	166,130
UNIVERSITY HAWAII FOUNDATION	Michele Carbone	University of Hawaii Cancer Center	UH Cancer Center: Research on New Mesothelioma Treatment Agents	1	22,175
UNIVERSITY HAWAII FOUNDATION	Stefan Moisyadi	Department of Anatomy, Biochemistry, and Physiology	Nanobody Research Fund	1	45,000
UNIVERSITY HAWAII FOUNDATION	Wen-Ming Chu	Natural Products	2015 Pilot Study Award (Hepatocellular Carcinoma)	1	2
UNIVERSITY HAWAII FOUNDATION	Yingfei Dong	Electrical Engineering	UAS Applications and Security	1	16,000
<b>Research - Total</b>				<b>20</b>	<b>697,194</b>

#### **Non-Research**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Aris Banaag	Academic Affairs (UH Maui College)	UHMC Military Veterans Fund	1	1,246
UNIVERSITY HAWAII FOUNDATION	Brenda Yukari Hernandez	University of Hawaii Cancer Center	McCabe - UHCC Pathology Shared Resource	1	9,500
UNIVERSITY HAWAII FOUNDATION	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	W.T. Yoshimoto Fdtn. Program	2	20,500
UNIVERSITY HAWAII FOUNDATION	Denise Konan	College of Social Sciences	Osher Lifelong Learning Institute	1	13,452
UNIVERSITY HAWAII FOUNDATION	Frederick Lau	Center for Chinese Studies	Confucius Institute Support	1	57,000
UNIVERSITY HAWAII FOUNDATION	Frederick Lau	Center for Chinese Studies	Kenneth Lau Scholarships	1	1,200
UNIVERSITY HAWAII FOUNDATION	Jerris Hedges	John A. Burns School of Medicine	Assistant to Director of Research Operations-Dr. Murayama Start-Up Funds	1	80,000
UNIVERSITY HAWAII FOUNDATION	Jerris Hedges	John A. Burns School of Medicine	Hardman at JABSOM - Medical Nephrology for the Training of Residents	1	4,000

Funds Received from UH Foundation for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	John Rand	Office of the VP for Academic Planning and Policy	USA Funds - STEM Pathways	1	160,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Hawai'i P-20 Partnerships for Education Office	55 by 25 Campaign	1	15,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Hawai'i P-20 Partnerships for Education Office	Always Dream Foundation	1	15,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Hawai'i P-20 Partnerships for Education Office	Castle Core Support 2016-2018	1	75,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Office of the VP for Academic Planning and Policy	Kellogg P-3 Expenditures	1	150,000
UNIVERSITY HAWAII FOUNDATION	Laurence Paxton	Music (UH Manoa)	Music Department Service	1	5,000
UNIVERSITY HAWAII FOUNDATION	Laurence Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	1	45,067
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Astronomy Center Membership	1	57,001
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Enrichment Fund	1	55,349
UNIVERSITY HAWAII FOUNDATION	Lorna H Arita-Tsutsumi	College of Agriculture, Forestry and Natural Resource Mgt	UH Hilo Beekeeping Program	1	15,000
UNIVERSITY HAWAII FOUNDATION	Maenette Benham	Chancellor, UH West Oahu	General Support of UH West Oahu	1	100,000
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	Support of a Marine Science Learning Center at Moku o Lo'e	1	2,375
UNIVERSITY HAWAII FOUNDATION	Marcus Tius	Natural Products	J & M Sullivan Endowed Cancer Fund	1	42,300
UNIVERSITY HAWAII FOUNDATION	Mark Lane	Chancellor, Leeward Community College	General Support of LCC	1	30,000
UNIVERSITY HAWAII FOUNDATION	Mary Boland	School of Nursing and Dental Hygiene	The Matsuda Sano Chair	1	34,000

### Funds Received from UH Foundation for Jan 1, 2017 to Mar 31, 2017

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Matthew Platz	Anthropology (UH Hilo)	Heritage Management Faculty Salary Fund	1	57,000
UNIVERSITY HAWAII FOUNDATION	Maureen Shannon	Department of Nursing	HIPEC Alliance	1	47,500
UNIVERSITY HAWAII FOUNDATION	Michel Mohr	Religion (UH Manoa)	Numata Visiting position. Funds will come from the Numata Chair* account #121-2420-4.	1	74,501
UNIVERSITY HAWAII FOUNDATION	Myhraliza Aala	College of Engineering	HEI Internship & Ambassador Program	1	12,000
UNIVERSITY HAWAII FOUNDATION	Myhraliza Aala	College of Engineering	STEM ESA	1	9,000
UNIVERSITY HAWAII FOUNDATION	Noreen Mokuau	School of Social Work	Barbara Cox Anthony Aging Project	1	150,772
UNIVERSITY HAWAII FOUNDATION	Peter Arnade	College of Arts and Humanities	Faculty Excellence Awards	1	9,000
UNIVERSITY HAWAII FOUNDATION	Peter Quigley	Office of the Vice President for Community Colleges	The UH and USAF Partnership: Building Hawaii's Innovation Economy & Workforce (Innovation Workforce Program)	1	480,987
UNIVERSITY HAWAII FOUNDATION	Peter Quigley	Office of the Vice President for Community Colleges	The UH and USAF Partnership: Building Hawaii's Innovation Economy & Workforce	1	75,000
UNIVERSITY HAWAII FOUNDATION	Randall F Holcombe	University of Hawaii Cancer Center	Project B: Cancer Research Center of Hawaii	1	328
UNIVERSITY HAWAII FOUNDATION	Robert Littman	Dept of Languages and Literatures of Europe and the Americas	Hebrew Lecturer	1	2,500
<b>Non-Research - Total</b>				<b>35</b>	<b>1,906,578</b>
<b>Overall - Total</b>				<b>55</b>	<b>2,603,772</b>



**Extramural Research Awards for the Period  
Jan 1, 2017 to Mar 31, 2017  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
Foreign	5	137,868	0%
National Science Foundation	10	2,066,926	5%
DOI-Dept of Interior	7	521,180	1%
Mainland- Health Organizations	2	195,494	0%
Mainland- Business and Other	18	1,471,489	3%
DOC-Dept of Commerce	4	1,539,559	3%
Mainland- Non-Profit Organizations	16	1,188,979	3%
Federal Agencies	1	93,228	0%
Hawaii- Government Agencies	64	9,625,410	21%
Hawaii- Non-Profit Organizations	24	881,904	2%
DOD-Department of Defense	18	17,166,576	38%
US Colleges and Universities	23	1,259,761	3%
DHHS-Dept of Health and Human Services	15	6,184,002	14%
Hawaii- Business and Other	4	116,154	0%
National Aeronautics and Space Administration	18	2,328,243	5%
DA-Dept of Agriculture	5	220,101	0%
<b>Overall - Total</b>	<b>234</b>	<b>44,996,874</b>	<b>100%</b>

**Extramural Non-Research Awards for the Period  
Jan 1, 2017 to Mar 31, 2017  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
Foreign	9	390,846	2%
National Science Foundation	6	6,291,132	28%
DOI-Dept of Interior	3	75,341	0%
DOC-Dept of Commerce	3	125,154	1%
Hawaii- Health Organizations	4	79,729	0%
Mainland- Business and Other	6	686,900	3%
Federal Agencies	2	295,000	1%
Mainland- Non-Profit Organizations	10	248,365	1%
Hawaii- Government Agencies	45	5,528,859	25%
Hawaii- Non-Profit Organizations	45	3,379,047	15%
Hawaii- Dept of Education	2	88,200	0%
DHHS-Dept of Health and Human Services	5	805,686	4%
US Colleges and Universities	5	156,363	1%
Hawaii- Business and Other	8	481,086	2%
National Aeronautics and Space Administration	4	2,662,783	12%
DA-Dept of Agriculture	3	1,086,723	5%
<b>Overall - Total</b>	<b>160</b>	<b>22,381,214</b>	<b>100%</b>

**Year to Date Extramural Research Awards  
Jul 1, 2016 to Mar 31, 2017  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
Foreign	22	1,574,434	1%
DOI-Dept of Interior	46	3,917,229	2%
National Science Foundation	45	12,719,729	8%
Dept of State	1	1,991,556	1%
DOC-Dept of Commerce	59	17,584,027	10%
Mainland- Health Organizations	4	425,494	0%
Mainland- Business and Other	36	2,869,137	2%
DOT-Dept of Transportation	2	138,907	0%
Hawaii- Health Organizations	2	242,696	0%
ED-Dept of Education	1	483,764	0%
Mainland- Non-Profit Organizations	38	5,200,611	3%
Federal Agencies	5	631,316	0%
Hawaii- Non-Profit Organizations	86	6,685,115	4%
Hawaii- Government Agencies	165	21,199,207	13%
DOD-Department of Defense	64	39,244,322	23%
DOE-Dept of Energy	6	1,099,683	1%
US Colleges and Universities	84	6,339,188	4%
DHHS-Dept of Health and Human Services	56	31,987,139	19%
Hawaii- Business and Other	28	1,729,758	1%
National Aeronautics and Space Administration	61	8,574,781	5%
DA-Dept of Agriculture	35	3,973,451	2%
<b>Overall - Total</b>	<b>846</b>	<b>168,611,544</b>	<b>100%</b>

**Year to Date Extramural Non-Research Awards  
Jul 1, 2016 to Mar 31, 2017  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
Foreign	25	2,127,567	2%
National Science Foundation	23	14,335,800	10%
DOI-Dept of Interior	17	625,251	0%
ED-Dept of Education	62	35,052,080	25%
Mainland- Business and Other	14	9,241,589	7%
Hawaii- Health Organizations	32	12,841,370	9%
DOC-Dept of Commerce	19	1,633,835	1%
Mainland- Health Organizations	2	158,250	0%
Mainland- Non-Profit Organizations	27	2,004,784	1%
Federal Agencies	6	5,470,590	4%
Hawaii- Non-Profit Organizations	128	7,779,074	6%
Hawaii- Government Agencies	122	18,258,888	13%
Hawaii- Dept of Education	11	1,368,976	1%
DOD-Department of Defense	8	1,399,997	1%
US Colleges and Universities	19	829,155	1%
DHHS-Dept of Health and Human Services	31	9,422,158	7%
Hawaii- Business and Other	26	8,337,611	6%
National Aeronautics and Space Administration	11	6,133,495	4%
DA-Dept of Agriculture	9	2,749,812	2%
<b>Overall - Total</b>	<b>592</b>	<b>139,770,282</b>	<b>100%</b>