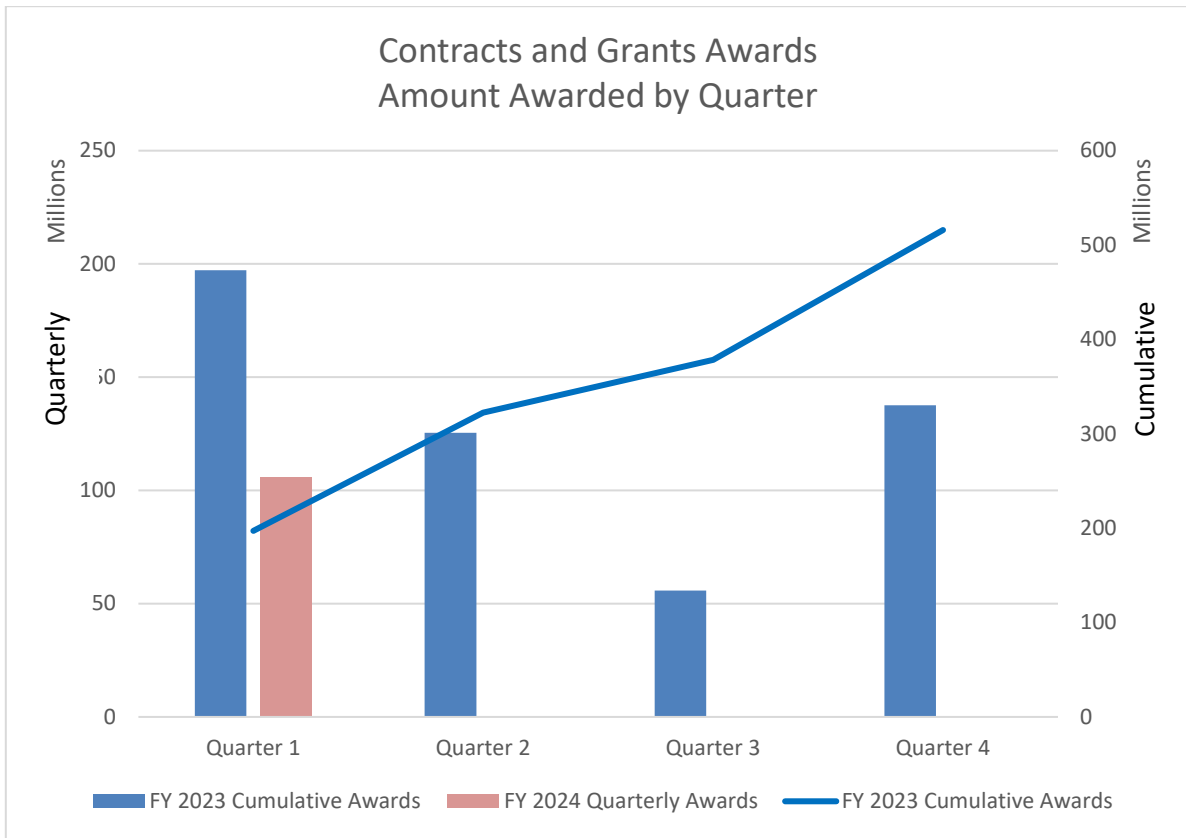
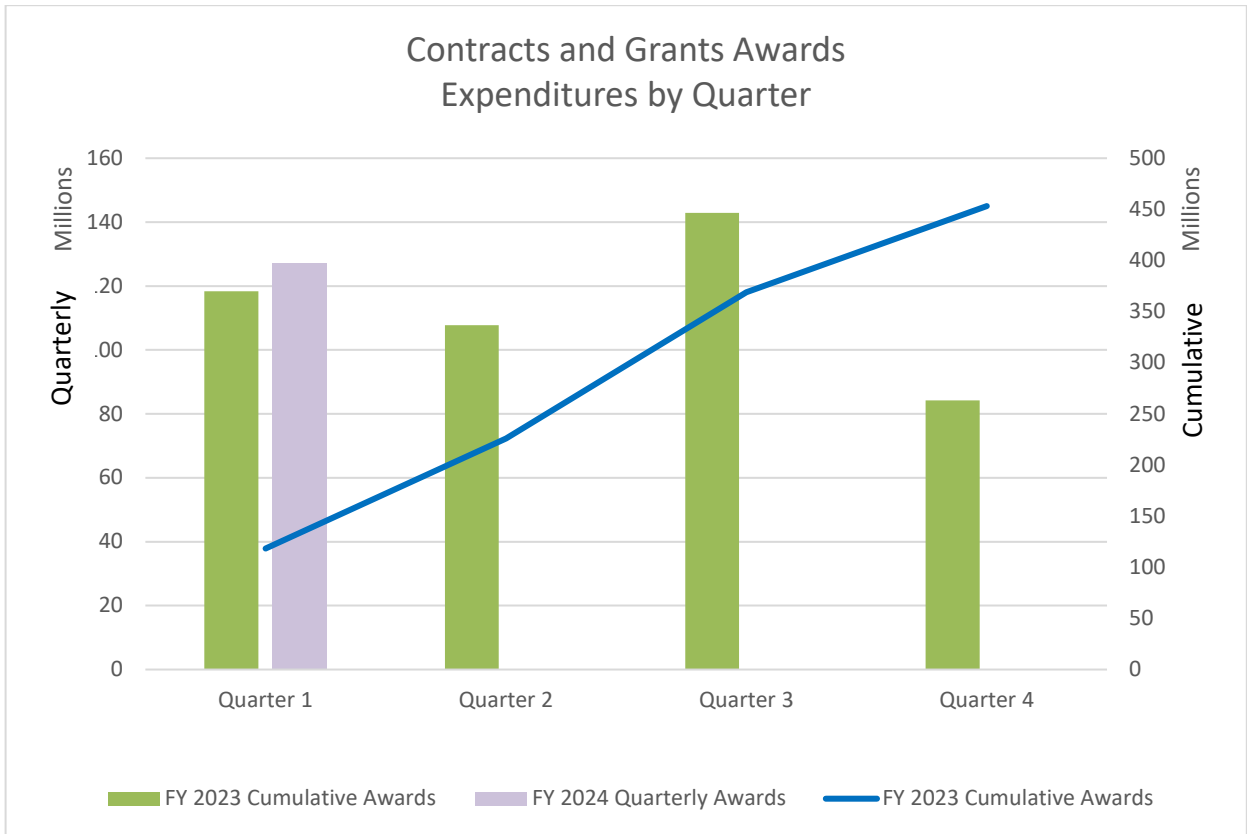


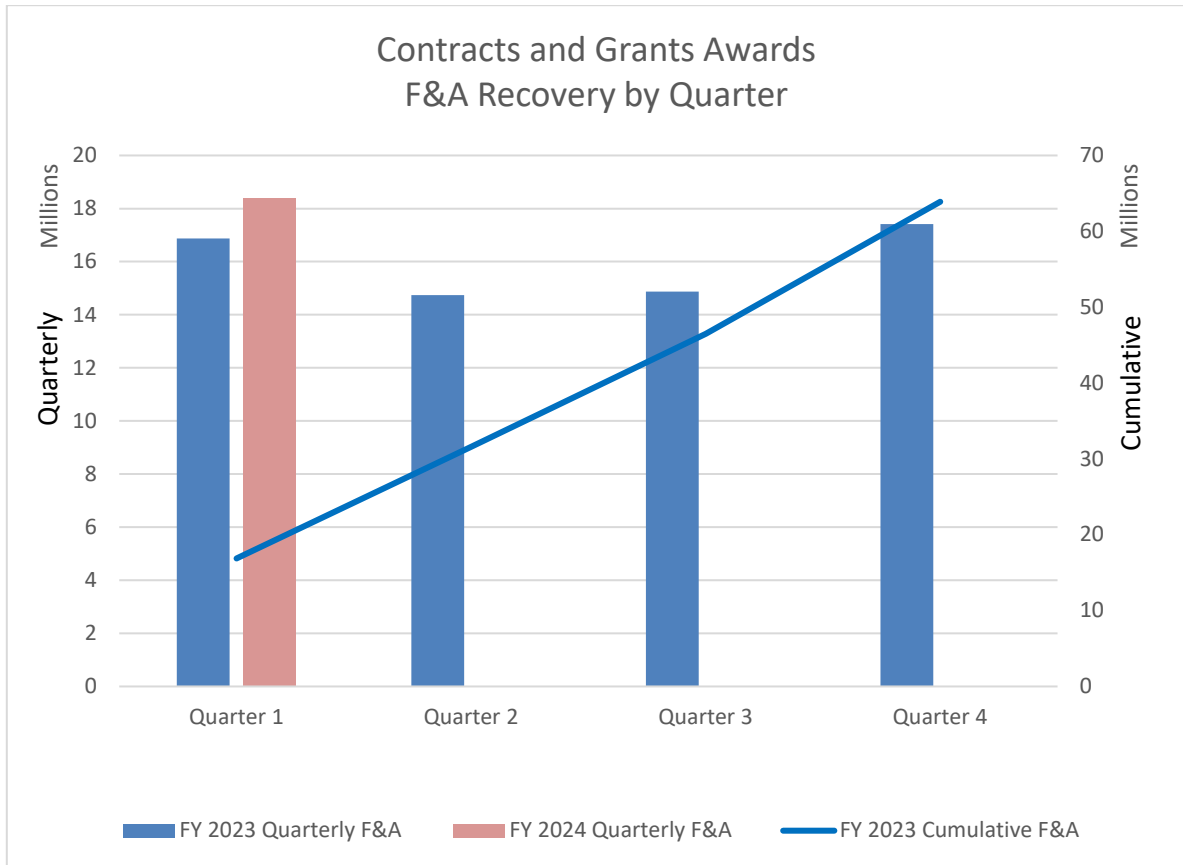
Contracts and Grants Awards As of Quarter One – FY 2024



Contracts and Grants Expenditures
As of Quarter One – FY 2024



Contracts and Grants F&A Recovery
As of Quarter One – FY 2024



Extramural Sponsor Awards Quarterly Summary

<u>Program Type</u>	Jul 1 - Sep 30 2023		Jul 1 - Sep 30 2022	
	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>
Research	137	\$ 48,736,350	306	\$ 96,466,291
Non-Research	150	\$ 57,712,731	287	\$102,220,045
<u>Total</u>	<u>287</u>	<u>\$106,449,081</u>	<u>593</u>	<u>\$198,686,336</u>

Note: The detailed award listing is available at:

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

The FY 2023 year-to-date total was: \$197,160,447

The unofficial FY 2024 year-to-date total is: 287 awards totaling \$105,863,124.

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT- Natural Resources Conservation Service	Koon-Hui Wang	Plant and Environmental Protection Sciences	Soil Health Through Shelterbelt Planting, Sheet Mulching and Tree Mulch Plant-Available Nitrogen Calculator	1	771,442
AGRICULTURE, DEPT- Natural Resources Conservation Service	Rosemary Gutierrez-Coarite	Maui County	Evaluation of New Strategies to Increase Water Use Efficiency Under Drought Conditions	1	723,686
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	HI FY23 PPA CRB Response 6R.0442	1	1,969,118

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-CTR DIS CTRL-FED	John A Shepherd	Cancer Etiology (Epidemiology)	Dual Energy X-ray Absorptiometry (DXA) Scan Analysis and Quality Control Review for NHANES 2018-2022	1	56,362
HEALTH & HUMAN SVC, DEPT-CTR FOR MEDICARE & MEDICAID SVCS	Karen Pellegrin	College of Pharmacy	Improving Medication Use to Achieve Health Equity Among CMS Beneficiaries	1	333,325
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Brenda Yukari Hernandez	Cancer Etiology (Epidemiology)	Surveillance, Epidemiology, and End Results (SEER) Program (TO: Core Infrastructure, Option Yr4, Increment2)	1	218,283
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Brenda Yukari Hernandez	Cancer Etiology (Epidemiology)	Surveillance, Epidemiology, and End Results (SEER) Program (TO: Core Infrastructure, Option Yr5, Increment1)	1	1,606,672
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Lenora Loo	Cancer Etiology (Epidemiology)	The Role of 27-hydroxycholesterol in Breast Cancer: A Population-Based Multiethnic Study	1	421,250
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Loic Le Marchand	Cancer Etiology (Epidemiology)	Understanding Ethnic Differences in Cancer: The Multiethnic Cohort Study	1	38,586
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Loic Le Marchand	Cancer Etiology (Epidemiology)	Understanding Ethnic Differences in Cancer: The Multiethnic Cohort Study (- Alzheimer's Disease Supplement)	1	410,244

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Loic Le Marchand	Cancer Etiology (Epidemiology)	Understanding Ethnic Differences in Cancer: The Multiethnic Cohort Study (-Diversity Supplement)	1	38,586
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Michele Carbone	Natural Products (Cancer Biology)	Mechanisms of BAP1 Activity in Human Cancer Development	1	36,295
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Xin Chen	Natural Products (Cancer Biology)	Investigating Multifactorial Beta-Catenin Activation in Hepatocellular Cancers	1	39,215
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL HEART LUNG & BLD INST	Claire Townsend Ing	Department of Native Hawaiian Health	The PILI Aina Project	1	636,904
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL INST MIN HLTH & DISP	Sung-Shim Lani Park	Cancer Etiology (Epidemiology)	Comprehensive Molecular Characterization of Lung Cancers in Five Racial/Ethnic Groups with Disparate Risk	1	72,535
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ALLERGY/INF DIS	Wei-Kung Wang	Department of Tropical Medicine, Medical Micro and Pharm	Multiplex Serodiagnostic Assays for Pathogenic Arboviruses in Brazil	1	156,500
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DIAB DIG KIDN DIS	Lucia Seale	Pacific Biosciences Research Center	Selenium Metabolism in Cold-Induced Adaptive Thermogenesis	1	404,426
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Joseph Kaholokula	Department of Native Hawaiian Health	Center for Pacific Innovations, Knowledge and Opportunities (PIKO)	1	3,000,000
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Marla Berry	Pacific Biosciences Research Center	Integrative Center for Precision Nutrition and Human Health	1	2,142,800
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST CHLD HLTH&HUM DEV	May Okihiro	Department of Pediatrics	Empowering Schools as Community Assets to Mitigate the Adverse Impacts of COVID-19	1	500,000
HEALTH&HUMAN SVC, DEPT-NIH-FED NTL INST BIOMED IMG& BIOENGRG	Jesse Owens	Department of Anatomy, Biochemistry, and Physiology	Directed Evolution of a Sequence-Specific Targeting Technology for Therapeutic Gene Delivery to the Human Genome.	1	582,050

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Charles Henry Fletcher	Earth Sciences	Collaborative Mapping of Physical and Socio-Economic Impacts of Sea Level Rise in the Federated States of Micronesia (FSM)	1	299,798
COMMERCE, DEPT-NATL NOAA-FED	Charles Henry Fletcher	School of Ocean and Earth Science and Technology	Shoreline Equity and Adaptation Hub: Adapting to Sea Level Rise Using Advanced Physical, Economic, and Policy Modeling To Identify Resilient and Sustainable Community Solutions	1	2,250,000
COMMERCE, DEPT-NATL NOAA-FED	Craig E Nelson	Sea Grant College Program	In-Situ Detection of Fecal Indicators Enables Advanced Ocean Safety Forecasting	1	499,725
COMMERCE, DEPT-NATL NOAA-FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Atmospheric Gases in the Remote Pacific Marine Free Troposphere Measured in Hawaii	1	101,745
COMMERCE, DEPT-NATL NOAA-FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Cetacean Research in the Pacific Islands Region	2	300,035
COMMERCE, DEPT-NATL NOAA-FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Science Operations in the Pacific Islands Region	3	644,286
COMMERCE, DEPT-NATL NOAA-FED	Niklas Schneider	Cooperative Institute for Marine and Atmospheric Research	Enhancement of Data and Research Activities for Climate Studies at the International Pacific Research Center (IPRC)	1	74,967
COMMERCE, DEPT-NATL NOAA-FED	Philip R Thompson	Cooperative Institute for Marine and Atmospheric Research	University of Hawaii Sea Level Center	1	1,923,976
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Darren Lerner	Sea Grant College Program	Building Capacity for the Graduate Scholars Program and Climate Adaptation Services in the Pacific Islands Climate Adaptation Science Center	1	399,686
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Darren Lerner	Sea Grant College Program	Building Capacity for the Pacific Regional Invasive Species Climate Change (RISCC) Management Network (with USGS) Pacific Islands Climate Adaptation Science Center (PI-CASC)	1	67,008

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Lars Bejder	Hawaii Institute of Marine Biology (HIMB)	2019 - 2023 HIMB Marine Mammal Health and Population Assessments	1	189,198

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	Shaya Honarvar	Pacific Cooperative Studies Unit	Field Biology Technical Assistance, Natural Resources Program, Joint Base Pearl Harbor-Hickam, Oahu	1	443,725
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	David Lassner	Applied Research Laboratory	VaCUUMS Task Order 0002: MHPCC Customer Research and Development (R&D)	1	287,672
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	David Lassner	Applied Research Laboratory	Vanguard Center's Unified UARC for Maui High Performance Computing Center Support (VaCUUMS)	2	1,153,471
DEFENSE, DEPT-NAVY NAVAL FAC ENGRG COMMAND	Kristi L West	Human Nutrition, Food and Animal Sciences	An Investigation of Diseases of Stranded Pacific Island Marine Mammals	1	107,842
DEFENSE, DEPT-NAVY NAVAL SEA SYS CMD	David Lassner	Applied Research Laboratory	Naval-Leveraging Innovations, Frameworks and Technologies (LIFT) Modeling and Simulation (M&S) / Live Virtual Constructive (LVC) Ecosystem	1	105,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Brian Powell	Department of Oceanography	Towards Using Machine-Learning to Improve Sub-Mesoscale Predictability	1	179,878
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Richard Rocheleau	Hawaii Natural Energy Institute (HNEI)	Asia Pacific Research Initiative for Sustainable Energy Systems 2022 (APRISES22)	1	4,629,194
DEFENSE, DEPT-THREAT REDUCTION AGCY	Tung Hoang	School of Life Sciences	Defense Against Burkholderia Pseudomallei Infection: Subunit Vaccine and Monoclonal Antibody/Nanobody Technologies	1	990,730
Defense, Dept. - U.S. Army Research Office	Tyler Robbins Ray	Mechanical Engineering	Developing Field-Assisted Assembly for the Design and Fabrication of Multiscale Functional Materials	1	800,000

DOE-Dept of Energy

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ENERGY, DEPT	Nicole Cristina Lautze Maresca	Hawaii Institute of Geophysics and Planetology (HIGP)	Subsurface Carbon Mineralization Resources in Hawaiian Basalt	1	1,000,000
Energy, Dept. of - Pacific Northwest Natl Laboratory	Lars Bejder	Hawaii Institute of Marine Biology (HIMB)	Marine Energy Environmental Monitoring Campaign	1	324,999

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-NATIONAL PARK SVC	Patrick Hart	Biology (UH Hilo)	Non-Native Animal Control and Research at Haleakala National Park	1	130,000
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Donald Thomas	College of Natural and Health Sciences	Cooperative Monitoring and Assessment of Hawaii Volcano Hazards	2	1,061,944
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Biosurveillance for Invasive Species in Pacific Island Ecosystems	1	120,641
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Building a Diverse Future Workforce	1	68,000
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Preventing the Extinction of Hawaiian Forest Birds	1	614,236
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Quantitative Analysis of Data from Pacific Island Ecosystems	2	326,633
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Restoring Degraded Habitats and Biological Communities on Pacific Islands	1	135,668
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Science for Management and Control of Invasive Species	2	93,729
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Science to Support Forest Restoration Efforts in Hawaii	1	140,874
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Science to Support Forest Restoration in Hawaii	1	14,739
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Understanding Forest Restoration in Hawaii	1	48,501

ED-Dept of Education

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Erin E Centeio	Department of Kinesiology and Rehabilitation Science	I Paa Ka Huewai Pawehe "So That Our Prized Water Gourds Are Made Firm"	1	920,588

Federal Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED National Oceanographic Partnership Program	David Ho	Department of Oceanography	mCDR 2023: Assessing Efficacy of Electrochemical Ocean Alkalinity Enhancement at an Existing Outfall Using Tracer Release Experiments and Oceanographic Models	1	1,518,993

Foreign

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
JAPAN AGENCY MARINE-EARTH SCIENCE AND TECHNOLOGY	Niklas Schneider	International Pacific Research Center (IPRC)	JAMSTEC Year 28 JAMSTEC-IPRC Collaborative Research (JICore) Stage-2	1	150,376
MELBOURNE, THE UNIVERSITY OF	Loic Le Marchand	Cancer Etiology (Epidemiology)	Colon Cancer Family Registry Cohort	1	165,342
TDK Corporation	Jeffrey A Weldon	Electrical Engineering	System Modeling and Validation for Piezoelectric Automotive Technology	1	211,583

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
KAMEHAMEHA SCHOOLS	Leah Lodge Bremer	Social Science Research Institute	Supporting Oihi Agroforestry Through Strengthening Networks and Understanding of Outcomes and Potential Financial Incentives	1	65,215

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Kacie Kumi Hung Yan Ho	Human Nutrition, Food and Animal Sciences	Ensuring the Safety and Nutritional Quality of Limu for Commercial Aquaculture	1	31,315
BUSINESS, ECONOMIC DEV&TOUR-HI STATE ENERGY OFFICE	Jason Leigh	Information and Computer Sciences	REEF: Renewable Energy Exploration Facilitator	1	99,848

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CITY & COUNTY HONOLULU	Makena Coffman	Office of the Provost	Sea Level Rise Exposure Area Analysis and Transfer of Development Rights Study	1	150,000
COUNTY MAUI DEPT OF WATER SUPPLY	Clifford Morden	Pacific Cooperative Studies Unit	East Maui Watershed Partnership Source Protection Program	1	530,000
COUNTY MAUI DEPT OF WATER SUPPLY	Clifford Morden	Pacific Cooperative Studies Unit	Mauna Kahalawai Watershed Partnership Source Protection Program	1	688,000
COUNTY MAUI DEPT OF WATER SUPPLY	David Duffy	Pacific Cooperative Studies Unit	Miconia/Invasive Species Containment Project	1	260,000
HEALTH, DEPT-HI - CLEAN WATER BRANCH	Marek Kirs	Water Resources Research Center	The Microbiological Water Quality of Oahu Beaches 2023	1	49,000
Hawaii County Planning Department	Ryan Louis Perroy	Geography (UH Hilo)	Analysis to Establish Research-Based Shoreline and Riparian Setback Phase I: Identification, Mapping, and Analysis of Coastal and Riparian Hazard Vulnerabilities	1	58,787
Hawaii Invasive Species Council	Celia Smith	School of Life Sciences	Expansion of Management and Techniques for Species of Highly Invasive Genus Avrainvillea Species	1	44,158
Hawaii Invasive Species Council	Celia Smith	School of Life Sciences	Island Wide Survey and Development of a Rapid Assessment Protocol of Invasive Macroalgae for Oahu	1	10,011
LAND & NATURAL RES, DPT-AQUAT (DLNR)	John Henrik Burns	Marine Science	Holomua Marine Initiative Statistical Consultations	1	20,009
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Coral Nursery Enhancement (FY23 EOY)	1	60,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	S22-Yr2 - West and East Hawaii Fish and Habitat Monitoring and Assessment	1	230,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Devon Gordon	Lyon Arboretum	Harold L. Lyon Arboretum Plant Restoration and Enhancement, Rare Plant Facilities	1	325,744
LAND & NATURAL RES, DPT-FORST (DLNR)	Melissa Renae Price	Natural Resources and Environmental Mgt (NREM)	Biodiversity in Maui Nui	2	115,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Department of Botany	Natural Area Reserves Resource Management Implementation Hawaii Island	2	400,000

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Forest Restoration on Mauna Kea	1	97,904
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	GIS Research on Kaua'i State Forest Lands	1	50,437
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Rapid Ohia Death Detection and Response with the Big Island Invasive Species Committee	1	212,000
Natural Energy Laboratory of Hawaii Authority	John Henrik Burns	Marine Science	Annual NELHA Biota Survey	1	19,709
TRANSPORTATION, DEPT-HI	Guohui Zhang	Civil and Environmental Engineering	V2X-Enabled Interconnected Traffic Control System Innovations on the Nimitz Highway and Ala Moana Boulevard Arterial	1	96,800

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
KUAKINI MEDICAL CENTER	Mariana Gerschenson	Fundamentals of Health Sciences (ADR)	FOXO3 Genotype, InflammAging, Cardiovascular Disease, and Dementia. Kuakini Hawaii Lifespan Study III, Y5	1	59,847

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
BIG ISLAND RESOURCE CONSERVATION & DEV COUNCIL INC.	Shaya Honarvar	Pacific Cooperative Studies Unit	Detection and Control of Devil Weed, a High-Risk Threat to Agriculture on Hawaii Island	1	15,807
HAWAII COMMUNITY FOUNDATION MEDICAL RESEARCH	Lucia Seale	Pacific Biosciences Research Center	Effects of Selenium on Adipocyte Lipids	1	60,000
LEAHI FOUNDATION (HCF)	Cecilia Shikuma	Department of Medicine	Role of Anti-Idiotypic Autoantibodies (AA) Directed Against ACE2 in the Development of Pulmonary Post-Acute Sequelae of SARS-CoV2 Infection (PASC)	1	60,000
UNIVERSITY HAWAII FOUNDATION	Angel Yanagihara	Department of Tropical Medicine, Medical Micro and Pharm	Operation Box Stop	1	3,000

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Christopher L Sabine	Department of Oceanography	Ocean Chemistry Research	1	50,000
UNIVERSITY HAWAII FOUNDATION	Crawford R Drury	Hawaii Institute of Marine Biology (HIMB)	Walder-Christensen Charitable Fund	1	92,050
UNIVERSITY HAWAII FOUNDATION	Herbert Yu	Cancer Etiology (Epidemiology)	Tanaka Family Endow	1	33,043
UNIVERSITY HAWAII FOUNDATION	Jonathan Osorio	Kamakakuokalani Center for Hawaiian Studies	Gladys Brandt Chair	1	209,412
UNIVERSITY HAWAII FOUNDATION	Mark Hixon	School of Life Sciences	Hsiao Endowed Chair	1	60,000
UNIVERSITY HAWAII FOUNDATION	Michele Carbone	Natural Products (Cancer Biology)	UH Cancer Center: Research on New Mesothelioma Treatment Agents	1	289,500
UNIVERSITY HAWAII FOUNDATION	Michele Carbone	Natural Products (Cancer Biology)	UHF Melohn Chair in Cancer Biology	1	50,000
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	Jerry H. Bentley Faculty Award	2	12,000
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History	1	62,942

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
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	88,933
SPACE TELESCOPE SCIENCE INSTITUTE	Harald Ebeling	Institute for Astronomy	They Almost Got Away: A SNAPSHOT Survey of Extreme Galaxy Clusters at z=0.2-0.5	2	75,828
SPACE TELESCOPE SCIENCE INSTITUTE	Richard B Tully	Institute for Astronomy	Every Known Nearby Galaxy	1	22,413

Mainland- Non-Profit Organizations

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
American Society of Tropical Medicine and Hygiene	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	Establishing the Spatial Distribution of Circulating Arboviruses in Urban and Rural Liberia	1	25,000
Aqualink Inc	John Henrik Burns	Marine Science	Aqualink Monitoring Management Proposal	1	15,000
NATIONAL MARINE SANCTUARY FOUNDATION	Lillian Joy Tuttle Raz	Hawaii Cooperative Fishery Research Unit	Sediment Thresholds to Improve Coral Restoration Outcomes at Olowalu Reef	1	140,903
SPENCER FOUNDATION	Monica Gonzalez Smith	Institute for Teacher Education	Collaborative Inquiry-Informed Culturally Responsive Teaching for Native Hawaiian Pacific Islander Elementary Students	1	49,920
The Feinstein Institutes for Medical Research	Herbert Yu	Cancer Etiology (Epidemiology)	Pathway Specific Functional Biomarkers for the Early Detection of Liver Cancer	1	114,195

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Veronica Bindi	Department of Physics and Astronomy	Forecasting of Galactic Cosmic Rays in the Heliosphere Over Different Solar Cycles and Forbush Decreases	2	230,011

National Science Foundation

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Aaron Hanai	Math and Science	Collaborative Research: A Solar and Wind Innovation and Technology Collaborative for Hawaii (SWITCH)	1	349,991
NATIONAL SCIENCE FOUNDATION	Alison Ruth Sherwood	School of Life Sciences	PurSUIT: Discovery and Characterization of Mesophotic Seaweeds in Hawaii: Genomic Adaptations to Low Light Environments	1	892,290
NATIONAL SCIENCE FOUNDATION	Angelicque E White	Department of Oceanography	Hawaii Ocean Time-series (HOT): 2023-2028	1	1,968,248
NATIONAL SCIENCE FOUNDATION	Debasis Bhattacharya	Chancellor, UH Maui College	Cyber Data Analytics Education, Curriculum and Workforce Development	1	648,169
NATIONAL SCIENCE FOUNDATION	Elizabeth Ann Gross	Department of Mathematics	Indentifiability and Inference for Phylogenetic Networks Using Applied Algebraic Geometry	1	101,531

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Eric J Baxter	Institute for Astronomy	Collaborative Research: Combining Galaxy and Cosmic Microwave Background Surveys for Precise and Robust Constraints on Cosmology	1	345,303
NATIONAL SCIENCE FOUNDATION	Frederick Kazman	Department of Information Technology Management	Collaborative Research: SHF: Small: Technical Debt Management in Dynamic and Distributed Systems	1	288,995
NATIONAL SCIENCE FOUNDATION	James Potemra	Hawaii Institute of Geophysics and Planetology (HIGP)	Maintaining Deep Ocean Observations: The ALOHA Cabled Observatory	1	660,797
NATIONAL SCIENCE FOUNDATION	Jelena Maricic	Department of Physics and Astronomy	Collaborative Research: DarkSide-20k: A Global Program for the Direct Detection of Dark Matter Using Low-Radioactivity Argon	1	57,540
NATIONAL SCIENCE FOUNDATION	Rufus Willett	Department of Mathematics	Approximate Commutators and K-theory	1	151,701

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ARIZONA STATE UNIVERSITY	Sarah Ann Fagents	Hawaii Institute of Geophysics and Planetology (HIGP)	Mastcam-Z: A Geologic, Stereoscopic, and Multispectral Investigation for the NASA Mars-2020 Rover Mission	1	61,756
CALIFORNIA IRVINE, UNIVERSITY OF	Kevin Cassel	Social and Behavioral Sciences (Prevention in the Pacific)	Factors Associated With Helicobacter Pylori Screening and Treatment Among High-Risk Asians in Orange County: Mixed-Methods Research to Examine Stomach Cancer Disparity	1	19,823
CALIFORNIA LOS ANGELES, UNIV	Joseph Kaholokula	Department of Native Hawaiian Health	Integrated Community Engaged, mHealth and Data Science to Enhance Clinical Trial Diversity and Cardiometabolic Health	1	275,268
CALIFORNIA SAN DIEGO, UNIV-SCRIPPS INST OF OCEAN	Seth M Bushinsky	Department of Oceanography	Dr. Seth Bushinsky, University of Hawaii at Manoa, for a Subaward on the Upcoming GO-SHIP Project	1	4,594
FLORIDA, UNIVERSITY OF CENTRAL	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Characterization of the Moon and Mercury Using New Hyperspectral Mid Infrared Observations	1	231,754

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Florida State University	John Barile	Psychology (UH Manoa)	Fostering Institutional Resources for Science Transformation: The FLORIDA-FIRST Health-Science Brigade	1	24,400
JOHNS HOPKINS UNIVERSITY	Benjamin Jones	Applied Research Laboratory	BCS Maritime Materials Technology (M2T)	1	150,000
MINNESOTA, UNIVERSITY OF	Sung-Shim Lani Park	Cancer Etiology (Epidemiology)	Mechanisms of Ethnic/Racial Differences in Lung Cancer Due to Cigarette Smoking - Core B	1	190,735
New Mexico, University of - Board of Regents	Przemyslaw K Dera	Hawaii Institute of Geophysics and Planetology (HIGP)	Consortium for Materials Properties Research in Earth Sciences (COMPRES): National Facilities and Infrastructure Development for High-Pressure Geosciences Research	1	166,355
TUFTS UNIVERSITY	Marjorie K L M Mau	Department of Native Hawaiian Health	I Kua Nau "Let Me Carry Out Your Last Wishes" Advance Care Planning for Native Hawaiian Elders	1	67,750
The Regents of the University of California	Ellen M Briggs Gum	Department of Ocean and Resources Engineering	Technology Solutions for Seagrass: Adaptation of an In Situ pH and Total Alkalinity Sensor	1	75,028
Research - Total				137	48,818,830

Non-Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-NATL INST FOOD AND AGRICULTURE	Mohammad Arif	Plant and Environmental Protection Sciences	Cultivating The Nextgen Of Diverse Biosecurity Professionals Through A Pacific-Continental Network (Pacon)	1	7,000,000
Agriculture, Dept - Animal and Plant Health Inspection Service	Anna Magda Wieczorek	Tropical Plant and Soil Science	Ag-Discovery Summer Enrichment Program	1	54,000

DHHS-Dept of Health and Human Services

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-CDC-NATL INST FOR OCCUPATIONAL SAFETY & HEALTH	John Barile	Psychology (UH Manoa)	The National Institute for Occupational Safety and Health Safe-Skilled-Ready Workforce Program	1	55,000
HEALTH & HUMAN SVC, DEPT-NIH-FED	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	One Health Research Training Curriculum for Native Hawaiians and Pacific Students	1	80,708
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Loic Le Marchand	University of Hawaii Cancer Center	Multidisciplinary Training in Ethnic Diversity and Cancer Disparities	1	529,376
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	MARC at University of Hawaii at Manoa	1	459,458

ED-Dept of Education

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED	Kay Fukuda	Student Equity Excel & Diversity	PLACES (Place-Based Learning and Community Engagement in School) Will Support Place-Based Teaching and Learning for Teachers and Students on the Waianae Coast	2	1,047,077
EDUCATION, DEPT-FED	Sara Banks	Center on Disability Studies/University Affiliated Pgms	Ulu Ae Transitions Project	1	848,093
EDUCATION, DEPT-FED	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	GEAR UP Hawaii State Grant: Providing Support to Hawaii's Low-Income Students on Their Academic Journey to College and Career Success	1	4,106,328
EDUCATION, DEPT-FED INTL & FOREIGN LANG ED	Miriam Stark	School of Pacific and Asian Studies	Foreign Area and Language Studies Fellowship - University of Hawaii Center for Southeast Asian Studies	1	288,660
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Keiki Kawaiaea	Ka Haka'Ula O Ke'Elikolani-UHH	E Hoi I Ke Kumu	1	789,330
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Margaret Anna Sanchez	Chancellor, Kauai Community College	Mauo: The Perpetuation of Well-Being	1	640,690
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ardis Eschenberg	Chancellor, Windward Community College	E Oi Mau: Increasing Knowledge Through Application	1	449,585

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ardis Eschenberg	Chancellor, Windward Community College	Na Muo Hoopakela: Blossoming Through Online Education	1	549,959
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Julio Rodriguez	Center for Language and Technology	National Foreign Language Resource Center (NFLRC)	1	179,615
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Kaheleonolani Dukelow	Chancellor, UH Maui College	Hokupaa: Charting the Pathway for Student Success	1	550,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Lui Hokoana	Chancellor, UH Maui College	GEAR UP Maui	1	520,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Lui Hokoana	Chancellor, UH Maui College	Kahokuala: The Rising Star	1	550,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Lui Hokoana	Chancellor, UH Maui College	UH Maui College Central Maui and Molokai Upward Bound Math Science	1	309,505
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Margaret Anna Sanchez	Chancellor, Kauai Community College	Kukulu Ae: Growing Up and Out	1	521,373
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Puanani Ashley Kama	Chancellor, Windward Community College	Hoomau Hoomahuahua: "Continuing to Grow Multitudes"	1	90,000
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Ardis Eschenberg	Chancellor, Windward Community College	Student Support Services Program	1	456,862
EDUCATION, DEPT-FED TALENT SEARCH PGM	Koren Heniauimoana Chiyeko Uyemura Fiefia	Chancellor, Windward Community College	Talent Search- Honolulu	1	288,470
EDUCATION, DEPT-FED TALENT SEARCH PGM	Koren Heniauimoana Chiyeko Uyemura Fiefia	Chancellor, Windward Community College	Talent Search- Windward	1	288,470

Federal Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Keala Monaco	Hawaii Commission for National and Community Service (HCNCS)	HCNCS State Commission Support Grant	1	150,000
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Keala Monaco	Hawaii Commission for National and Community Service (HCNCS)	HCNCS Training and Technical Assistance (TTA) Commission Investment Fund	1	98,008

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HOMELAND SECURITY, DEPT-FEMA	Karl Eujung Kim	Urban and Regional Planning	AWR-347 Climate Adaptation Planning for Emergency Management	1	13,827
SMALL BUSINESS ADMINISTRATION	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	Veterans Business Outreach Center of the Pacific	1	450,000
SMALL BUSINESS ADMINISTRATION	Joseph Burns	Hawaii Small Business Development Center	Small Business Development Centers	1	616,777

Foreign

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN SAMOA, GOVERNMENT	Roger B Chen	Civil and Environmental Engineering	NSTI-FHWA-American Samoa	1	25,000
Bundesanstalt fur Geowissenschaften und Rohstoffe	Anita L Lopez	School of Ocean and Earth Science and Technology	MANGAN 2023	1	3,615,042
COMMONWEALTH OF NO MARIANA ISLANDS	Roger B Chen	Civil and Environmental Engineering	NSTI - FHWA - CNMI	1	25,000
Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO)	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Proposal for Post-Certification Activities at IMS Station I39PW, Palau	1	625,329
GUAM, GOVERNMENT - Dept. of Public Works - Guam Transportation Program	Roger B Chen	Civil and Environmental Engineering	NSTI-FHWA-Guam	1	13,500
OKINAWA PREFECTURE GOVERNMENT	Junji B Machi	John A. Burns School of Medicine	Postgraduate Medical Education Program of Okinawa Prefecture	1	691,540

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
KAMEHAMEHA SCHOOLS	Tara O'Neill	Department of Curriculum Studies	STEMS^2 - KS Partnership	1	250,000
MAUI COUNTY COMMUNITY TELEVISION	Lui Hokoana	Chancellor, UH Maui College	MCTV Educational Access Activities, Responsibilities, Services For Higher Education - Channel 55 (MCTV) Services and Activities	1	181,943

Hawaii- Dept of Education

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-HI	Danny Takanishi	Department of Communication Sciences and Disorders	To Deliver the Master's Degree Program for Speech-Language Pathologists	1	246,260
EDUCATION, DEPT-HI	Jennifer Brown	Chancellor, Windward Community College	To Provide Education and Training for Incarcerated Women To Prepare Them for Successful Reentry Into the Community	1	173,000
EDUCATION, DEPT-HI	Leslie Okoji	Center on Aging	To Provide Evaluation Services for Project HI-Aware2	1	264,074

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CITY & COUNTY HONOLULU	Norman Hisao Okamura	Social Science Research Institute	SMART Prosecution: Data Sharing Initiative	1	150,000
COUNTY MAUI OFC OF ECON DEVEL	Janel Yamamoto	Cooperative Extension	GoFarm Hawaii: Growing Maui's Next Generation of Farmers	1	25,000
County of Hawaii Dept of Research and Development	Karen Pellegrin	Research	Kuleana Health Program	1	247,500
HAWAIIAN HOME LANDS, DEPT-HI	Dana Sproat	William S. Richardson School of Law	DHHL Water Law Trainings	1	400,000
HAWAIIAN HOME LANDS, DEPT-HI	Jeremy J B Elliott-Engel	Cooperative Extension	DHHL Agricultural Education Program on Maui	1	300,000
HEALTH, DEPT-HI	Akihiko Masuda	Psychology (UH Manoa)	Training Services in Psychological Assessments	1	154,800
HEALTH, DEPT-HI	Jeanelle June Sugimoto-Matsuda	Office of Public Health Studies	EMSIPSB Suicide Prevention In-Person Gatekeeper Training Contract FY2023	1	49,400
HEALTH, DEPT-HI	Jeffrey Zuckernick	Emergency Medical Services	Emergency Medical Services (“EMS”) Planning and Development of Distant Learning on the Islands of Maui, Kauai, and Hawaii	1	150,000
HEALTH, DEPT-HI	Jeffrey Zuckernick	Emergency Medical Technician	UH-KCC EMS Stipend Program	1	240,000
HEALTH, DEPT-HI	Kelley Withy	Academic Affairs (ADAA)	Hawaii State Loan Repayment Program	1	450,000
HEALTH, DEPT-HI	Rachel Novotny	Human Nutrition, Food and Animal Sciences	ECE Obesity Prevention Project	1	49,742

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH, DEPT-HI - ALCOHOL & DRUG ABUSE DIV	Katherine Yvonne Mary Burke	Chancellor, UH West Oahu	Native Hawaiian Cultural Anchoring Trainings for the Hawaii Opioid Initiative ("HOI")	1	977,500
HEALTH, DEPT-HI - ALCOHOL & DRUG ABUSE DIV	Kinohi Gomes	Native Hawaii Student Services	Culturally Anchored Primary Prevention	1	781,000
HEALTH, DEPT-HI - ALCOHOL & DRUG ABUSE DIV	Sarah Yuan	Center on the Family	Discretionary Grant Evaluation and Data Collection	1	192,000
HEALTH, DEPT-HI - CHILD/ADOLESC MENTAL HLTH DIV	Daniel A Alicata	Department of Psychiatry	Psychiatry Services (DOH FY24)	1	536,125
HEALTH, DEPT-HI - CHRONIC DISEASE PREVENTION & HEALTH PROMOTION DIV	Michelle S Kim	Pharmacy Practice	Pharmacist Integration in Primary Care	1	79,800
HEALTH, DEPT-HI - CHRONIC DISEASE PREVENTION & HEALTH PROMOTION DIV	Rebekah Rodericks	Office of Public Health Studies	Healthy People 2030	1	20,235
HEALTH, DEPT-HI - EXEC OFF AGING	James Pietsch	William S. Richardson School of Law	University of Hawaii Elder Law Program	1	66,024
HEALTH, DEPT-HI - FAMILY HLTH SVC DIV	May Okihiro	Department of Pediatrics	Title V Family Leader	1	15,000
HEALTH, DEPT-HI - OFFICE OF LANGUAGE ACCESS	Dina Yoshimi	Department of East Asian Languages and Literature	Multilingual Career Day	1	19,525
HEALTH, DEPT-HI - OFFICE OF LANGUAGE ACCESS	Dina Yoshimi	Department of East Asian Languages and Literature	On-Site Compliance Monitoring Program (Pilot)	1	44,081
HEALTH, DEPT-HI - OFFICE OF PLANNING, POLICY, AND PROGRAM DEV	Cherie Hsiu Lan Mehrabian-Sani	Pharmacy Practice	Antibiotic Stewardship Program	1	46,145
HUMAN SERVICES, DEPT-Division of Vocational Rehabilitation	Jennifer Tarnay	Center on Disability Studies/University Affiliated Pgms	Comprehensive Service Center	1	1,364,749
HUMAN SERVICES, DEPT-HI Benefits, Employment & Support Services	Carol Ann Hoshiko	Continuing Education / Non-Credit Program	Provide Vocational Skills Training for First-to-Work Participants Attending Kapiolani Community College	1	92,268

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HUMAN SERVICES, DEPT-HI Benefits, Employment & Support Services	William K Castillo	Continuing Education and Workforce Dev	Provide Vocational Skills Training for First-To-Work Participants Attending the University of Hawaii - Leeward Community College	1	212,488
JUDICIARY-HI	Dina Shek	William S. Richardson School of Law	Medical-Legal Partnership in Hawaii	1	33,405
JUDICIARY-HI	James Pietsch	William S. Richardson School of Law	Elder Law Program	1	18,979
LABOR & INDUSTRIAL RELATION, DEPT-HI (DLIR)	Carrie Marie Oliveira	Nancy Atmospera-Walch School of Nursing	Hawaii State Simulation Collaborative Conference	1	29,150
LABOR & INDUSTRIAL RELATION, DEPT-HI (DLIR)	Laura Lees	Chancellor, UH Maui College	Work-Based Learning in Healthcare Settings	1	25,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	2023 PR He'eia Management Plan Development and Restoration Support	1	95,377
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	2024 DAR Strategy Planning Support	1	50,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Communication Strategy Development and Training (FY23 EOY)	1	20,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	DOCARE Policy Research Support (S22-Yr 2)	1	42,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	False Killer Whales and Other ESA-Listed Species: Research and Outreach Support	1	115,816
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Holomua Management Plan Support	1	97,397
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Marketing Strategy for the Ocean Stewardship Program (FY23 EOY)	1	50,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Maui Freshwater Research and Coral Identification Training (FY23 EOY)	1	63,660
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Process Improvement and Research Support (FY23 EOY)	1	115,026
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	S22-Yr2 - Coral Reef Restoration Coordination Support	1	79,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Volcano Rare Plant Propagation Facility FY2023-24	1	158,562

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	Lydi B K Morgan Bernal	Human Nutrition, Food and Animal Sciences	Students Propagating 'Ulu Trees for Schools on O'ahu (SPROUTS-O'ahu)	1	48,825
LAND & NATURAL RES, DPT-FORST (DLNR)	Michael Hamnett	Social Science Research Institute	2023 Forestry and Wildlife Policy Research Support	1	19,822
LAND & NATURAL RES, DPT-STATE PARKS (DLNR)	Michael Hamnett	Social Science Research Institute	2022 State Parks Legal Research Support	1	99,110
LAND & NATURAL RESOURCES, DEPT (DLNR) OFC CONS COAST LDS	Michael Hamnett	Social Science Research Institute	OCCL Policy Research Support	1	99,110
TRANSPORTATION, DEPT-HI	Roger B Chen	Civil and Environmental Engineering	NSTI - FHWA - HDOT	1	50,000
TRANSPORTATION, DEPT-HI	Song Choi	College of Engineering	On the Job Training Supportive Services (OJT-SS) Engineering Scholarship Program (ESP)	1	18,000

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HAWAII PRIMARY CARE ASSOCIATION	Sarah Yuan	Center on the Family	Evaluation of HPCA's School Health and Diabetes Prevention Programs	1	23,500
Hawaii Justice Foundation	Dina Shek	William S. Richardson School of Law	Medical-Legal Partnership	2	40,000
Hawaii Justice Foundation	Esther Sungeun Yoo	William S. Richardson School of Law	Refugee and Immigration Law Clinic	2	120,000
Hawaii Justice Foundation	James Pietsch	William S. Richardson School of Law	UH Elder Law	2	48,000
Hawaii Justice Foundation	Kenneth Lawson	William S. Richardson School of Law	Hawaii Innocence Project	1	18,000
Institute for Human Services	John Barile	Psychology (UH Manoa)	Hale Mauliola Facility Evaluation	1	20,000
UNIVERSITY HAWAII FOUNDATION	Barbara Bruno	Hawaii Institute of Geophysics and Planetology (HIGP)	Hawaii Pacific Foundation PhD Graduate Assistantship	1	47,500
UNIVERSITY HAWAII FOUNDATION	Camille Antoinette Nelson	William S. Richardson School of Law	General Support of the William S Richardson School of Law	1	100,000

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Christopher J Holland	Vice Chancellor for Student Affairs	UH HILO LGBTQ+	1	12,000
UNIVERSITY HAWAII FOUNDATION	Clement Paul Guthro	Library (UH Manoa)	Art and Architecture Archives Collections Processing	1	12,000
UNIVERSITY HAWAII FOUNDATION	Clement Paul Guthro	Library (UH Manoa)	Hawaiian and Pacific Collection Librarian	1	3,000
UNIVERSITY HAWAII FOUNDATION	David Forman	William S. Richardson School of Law	HML CGAPS Legal Fellows	1	6,250
UNIVERSITY HAWAII FOUNDATION	David Lonborg	Institute for Astronomy	Beatrice Watson Parrent Fellowship in Astronomy	1	68,000
UNIVERSITY HAWAII FOUNDATION	Debora Halbert	Office of the Vice President for Academic Strategy	HKLC UH Student Food Security Initiative	1	9,000
UNIVERSITY HAWAII FOUNDATION	Denise Eby Konan	College of Social Sciences	NEAEF Partnership	1	8,293
UNIVERSITY HAWAII FOUNDATION	Donald Womack	Music (UH Manoa)	Music Department Service	1	10,000
UNIVERSITY HAWAII FOUNDATION	Erica Goetze	Department of Oceanography	Lucia Leong Oceanography Graduate Student Fellowship	1	40,474
UNIVERSITY HAWAII FOUNDATION	Herbert Yu	Cancer Etiology (Epidemiology)	William & Ellen Melohn Endowed Research Fund	1	71,000
UNIVERSITY HAWAII FOUNDATION	Joshua S Madin	Hawaii Institute of Marine Biology (HIMB)	Hau'oli Mau Loa Fellow - Marine Biology AY 23-25 - Maluhina Stark-Kinimaka	1	39,598
UNIVERSITY HAWAII FOUNDATION	Kamanamaikalani Beamer	Kamakakuokalani Center for Hawaiian Studies	Dana Naone Hall Chair FY22	1	34,014
UNIVERSITY HAWAII FOUNDATION	Kerri Inglis	Social Sciences Division	Project Mohala - Stupski Fund	1	70,200
UNIVERSITY HAWAII FOUNDATION	Lee Buenconsejo-Lum	Academic Affairs (ADAA)	JABSOM Freeman Scholars	1	120,000
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center of Hawaii	Imiloa Astronomy Center Membership	1	100,000
UNIVERSITY HAWAII FOUNDATION	Lorrie C K Wong	Nancy Atmospera-Walch School of Nursing	HMSA Interprofessional Health	1	115,928
UNIVERSITY HAWAII FOUNDATION	Lui Hokoana	Chancellor, UH Maui College	Sustainable Living Institute of Maui	1	40,000

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	HIMB Director's Fund	1	70,000
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	HML REMS & REMS XL AY23-25	1	167,483
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	Hayashida HIMB REMS	1	3,859
UNIVERSITY HAWAII FOUNDATION	Margary Martin	College of Arts and Sciences	Ecological Tiered Mentoring Project (ETMP)	1	82,434
UNIVERSITY HAWAII FOUNDATION	Maria Haws	Pacific Aquaculture and Coastal Resources Ctr	UHH PACRC Teaching Excellence	1	595
UNIVERSITY HAWAII FOUNDATION	Michael B Kantar	Tropical Plant and Soil Science	Seed Trust	1	21,000
UNIVERSITY HAWAII FOUNDATION	Miriam Stark	Center for Southeast Asian Studies	Luce SEA Transitions	1	150,000
UNIVERSITY HAWAII FOUNDATION	Ralph Shohet	Department of Medicine	Center for Cardiovascular Research Personnel	1	150,000
UNIVERSITY HAWAII FOUNDATION	Richard Wallsgrove	William S. Richardson School of Law	Hau'oli Mau Loa CGAPS Legal Fellows	1	185,000
UNIVERSITY HAWAII FOUNDATION	Robert Perkinson	Office of the Provost	Better Tomorrow Speaker Series	2	90,000
UNIVERSITY HAWAII FOUNDATION	Robert Thomson	School of Life Sciences	Harold St. John Botany Fund	1	950,000
UNIVERSITY HAWAII FOUNDATION	Robert Thomson	School of Life Sciences	Jessie Kay Memorial Research Award AY22-23 (Gabriella Murai)	1	8,500
UNIVERSITY HAWAII FOUNDATION	Sharla Hanaoka	Academy for Creative Media (UH WO)	MHF- UHWO Diversity and Inclusion in Art, Design and Computing	1	60,000
UNIVERSITY HAWAII FOUNDATION	Sharon Ziegler	Vice Chancellor for Research	PIPES Program Support UHF	1	12,500
UNIVERSITY HAWAII FOUNDATION	Tomone K T Hanada	Chancellor, UH Maui College	Lana'i Dual Enrollment Project	1	32,000
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	College of Natural and Health Sciences	Hau'oli Mau Loa Fellow- UH Hilo Graduate Assistantship Fund	1	97,016
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	College of Natural and Health Sciences	Hau'oli Mau Loa Fellow-UH Hilo Graduate Assistantship Fund	1	97,526

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Association of American Colleges and Universities	Kaiwipunikauikaw Lipe	Native Hawaiian Place of Learning Advancement Office	Truth, Racial Healing & Transformation (TRHT) Campus Climate Assessment Toolkit	1	10,000
Essential Access Health	Kathleen Hagan	Chancellor, UH Maui College	Expanding Access to High Quality, Patient-Centered Family Planning Services in Hawai'i through Telehealth	1	30,000
Lynker Corporation	Susan Crow	Natural Resources and Environmental Mgt (NREM)	Hawaii Climate Smart Commodities: A Portfolio Approach to Equitably Scaling the Agriculture Sector	1	10,647,990
Tetra Tech, Inc.	Leon Roose	Hawaii Natural Energy Institute (HNEI)	Sustainable Energy for Indonesia's Advancing Resilience (SINAR)	1	33,754

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN CANCER SOCIETY	Elizabeth Nakasone	Natural Products (Cancer Biology)	Regulation of Tumor Cell Co-operation and Breast Cancer Metastasis by Nectin-4	1	147,500

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INSTITUTE INTERNATIONAL EDUCATION	Sang Cheon	Department of East Asian Languages and Literature	2023-24 Flagship Summer Student Support	1	89,000
NATIONAL FISH & WILDLIFE FOUNDATION	Tara Owens	Sea Grant College Program	Restoring Coastal Dunes to Improve Community Resilience and Enhance Wildlife Habitat (HI)	1	1,435,665
NATIONAL MARINE SANCTUARY FOUNDATION	Aude Pacini	Hawaii Institute of Marine Biology (HIMB)	Summer Marine Mammal Intensive Learning Experience (SMMILE)	1	24,997
SOCIAL SCIENCE RESEARCH COUNCIL	Marie Kainoa Fialkowski Revilla	Human Nutrition, Food and Animal Sciences	Career Advancement Seed Grant Support	1	10,000

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	John Rayner	Institute for Astronomy	Operation of the Infrared Telescope Facility (IRTF) for NASA Headquarters	1	2,407,473

Gift, Grants, and Contracts for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Kenneth Chambers	Institute for Astronomy	A Wide Area Survey for NEOs with Pan-STARRS	1	2,100,000
NATIONAL AERONAUT & SPACE ADM	Tyler Robbins Ray	Mechanical Engineering	Acoustic-Field Aerosol Separator for Planetary Atmospheric Sampling	1	84,000

National Science Foundation

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Brian Popp	Earth Sciences	Equipment: MRI: Track 1 Acquisition of a Stable Isotope Mass Spectrometer for Earth and Ocean Science Research	1	209,705
NATIONAL SCIENCE FOUNDATION	Julienne K Maeda	Graduate Education	Graduate Research Fellowship Program (GRFP)	1	964,751
NATIONAL SCIENCE FOUNDATION	Robert Richmond	Pacific Biosciences Research Center	Enhanced Marine and Environmental Science Training for Pacific Island Community College Students	1	119,746

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
WASHINGTON STATE UNIVERSITY	Amjad Ahmad	Oahu County	Expanding Reach to Hawaii's Rural Farmers to Help Reduce Production/Financial Stress	1	10,000
West Virginia University	Dawn Sueoka	Library (UH Manoa)	The American Congress Digital Archives Portal Project	1	25,000
Non-Research - Total				150	57,787,731
Overall - Total				287	106,606,561

Funds Received from UH Foundation for Jul 1, 2023 to Sep 30, 2023

Research

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Angel Yanagihara	Department of Tropical Medicine, Medical Micro and Pharm	Operation Box Stop	1	3,000
UNIVERSITY HAWAII FOUNDATION	Christopher L Sabine	Department of Oceanography	Ocean Chemistry Research	1	50,000
UNIVERSITY HAWAII FOUNDATION	Crawford R Drury	Hawaii Institute of Marine Biology (HIMB)	Walder-Christensen Charitable Fund	1	92,050
UNIVERSITY HAWAII FOUNDATION	Herbert Yu	Cancer Etiology (Epidemiology)	Tanaka Family Endow	1	33,043
UNIVERSITY HAWAII FOUNDATION	Jonathan Osorio	Kamakakuokalani Center for Hawaiian Studies	Gladys Brandt Chair	1	209,412
UNIVERSITY HAWAII FOUNDATION	Mark Hixon	School of Life Sciences	Hsiao Endowed Chair	1	60,000
UNIVERSITY HAWAII FOUNDATION	Michele Carbone	Natural Products (Cancer Biology)	UH Cancer Center: Research on New Mesothelioma Treatment Agents	1	289,500
UNIVERSITY HAWAII FOUNDATION	Michele Carbone	Natural Products (Cancer Biology)	UHF Melohn Chair in Cancer Biology	1	50,000
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	Jerry H. Bentley Faculty Award	2	12,000
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History	1	62,942
Research - Total				11	861,947

Non-Research

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Barbara Bruno	Hawaii Institute of Geophysics and Planetology (HIGP)	Hawaii Pacific Foundation PhD Graduate Assistantship	1	47,500
UNIVERSITY HAWAII FOUNDATION	Camille Antoinette Nelson	William S. Richardson School of Law	General Support of the William S Richardson School of Law	1	100,000

Funds Received from UH Foundation for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Christopher J Holland	Vice Chancellor for Student Affairs	UH HILO LGBTQ+	1	12,000
UNIVERSITY HAWAII FOUNDATION	Clement Paul Guthro	Library (UH Manoa)	Art and Architecture Archives Collections Processing	1	12,000
UNIVERSITY HAWAII FOUNDATION	Clement Paul Guthro	Library (UH Manoa)	Hawaiian and Pacific Collection Librarian	1	3,000
UNIVERSITY HAWAII FOUNDATION	David Forman	William S. Richardson School of Law	HML CGAPS Legal Fellows	1	6,250
UNIVERSITY HAWAII FOUNDATION	David Lonborg	Institute for Astronomy	Beatrice Watson Parrent Fellowship in Astronomy	1	68,000
UNIVERSITY HAWAII FOUNDATION	Debora Halbert	Office of the Vice President for Academic Strategy	HKLC UH Student Food Security Initiative	1	9,000
UNIVERSITY HAWAII FOUNDATION	Denise Eby Konan	College of Social Sciences	NEAEF Partnership	1	8,293
UNIVERSITY HAWAII FOUNDATION	Donald Womack	Music (UH Manoa)	Music Department Service	1	10,000
UNIVERSITY HAWAII FOUNDATION	Erica Goetze	Department of Oceanography	Lucia Leong Oceanography Graduate Student Fellowship	1	40,474
UNIVERSITY HAWAII FOUNDATION	Herbert Yu	Cancer Etiology (Epidemiology)	William & Ellen Melohn Endowed Research Fund	1	71,000
UNIVERSITY HAWAII FOUNDATION	Joshua S Madin	Hawaii Institute of Marine Biology (HIMB)	Hau'oli Mau Loa Fellow - Marine Biology AY 23-25 - Maluhina Stark-Kinimaka	1	39,598
UNIVERSITY HAWAII FOUNDATION	Kamanamaikalani Beamer	Kamakakuokalani Center for Hawaiian Studies	Dana Naone Hall Chair FY22	1	34,014
UNIVERSITY HAWAII FOUNDATION	Kerri Inglis	Social Sciences Division	Project Mohala - Stupski Fund	1	70,200
UNIVERSITY HAWAII FOUNDATION	Lee Buenconsejo-Lum	Academic Affairs (ADAA)	JABSOM Freeman Scholars	1	120,000
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center of Hawaii	Imiloa Astronomy Center Membership	1	100,000
UNIVERSITY HAWAII FOUNDATION	Lorrie C K Wong	Nancy Atmospera-Walch School of Nursing	HMSA Interprofessional Health	1	115,928
UNIVERSITY HAWAII FOUNDATION	Lui Hokoana	Chancellor, UH Maui College	Sustainable Living Institute of Maui	1	40,000

Funds Received from UH Foundation for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	HIMB Director's Fund	1	70,000
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	HML REMS & REMS XL AY23-25	1	167,483
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	Hayashida HIMB REMS	1	3,859
UNIVERSITY HAWAII FOUNDATION	Margary Martin	College of Arts and Sciences	Ecological Tiered Mentoring Project (ETMP)	1	82,434
UNIVERSITY HAWAII FOUNDATION	Maria Haws	Pacific Aquaculture and Coastal Resources Ctr	UHH PACRC Teaching Excellence	1	595
UNIVERSITY HAWAII FOUNDATION	Michael B Kantar	Tropical Plant and Soil Science	Seed Trust	1	21,000
UNIVERSITY HAWAII FOUNDATION	Miriam Stark	Center for Southeast Asian Studies	Luce SEA Transitions	1	150,000
UNIVERSITY HAWAII FOUNDATION	Ralph Shohet	Department of Medicine	Center for Cardiovascular Research Personnel	1	150,000
UNIVERSITY HAWAII FOUNDATION	Richard Wallsgrove	William S. Richardson School of Law	Hau'oli Mau Loa CGAPS Legal Fellows	1	185,000
UNIVERSITY HAWAII FOUNDATION	Robert Perkinson	Office of the Provost	Better Tomorrow Speaker Series	2	90,000
UNIVERSITY HAWAII FOUNDATION	Robert Thomson	School of Life Sciences	Harold St. John Botany Fund	1	950,000
UNIVERSITY HAWAII FOUNDATION	Robert Thomson	School of Life Sciences	Jessie Kay Memorial Research Award AY22-23 (Gabriella Murai)	1	8,500
UNIVERSITY HAWAII FOUNDATION	Sharla Hanaoka	Academy for Creative Media (UH WO)	MHF- UHWO Diversity and Inclusion in Art, Design and Computing	1	60,000
UNIVERSITY HAWAII FOUNDATION	Sharon Ziegler	Vice Chancellor for Research	PIPES Program Support UHF	1	12,500
UNIVERSITY HAWAII FOUNDATION	Tomone K T Hanada	Chancellor, UH Maui College	Lana'i Dual Enrollment Project	1	32,000
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	College of Natural and Health Sciences	Hau'oli Mau Loa Fellow- UH Hilo Graduate Assistantship Fund	1	97,016
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	College of Natural and Health Sciences	Hau'oli Mau Loa Fellow-UH Hilo Graduate Assistantship Fund	1	97,526

Funds Received from UH Foundation for Jul 1, 2023 to Sep 30, 2023

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Non-Research - Total				37	3,085,170
Overall - Total				48	3,947,117

**Extramural Research Awards for the Period
Jul 1, 2023 to Sep 30, 2023
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
Hawaii- Non-Profit Organizations	14	997,754	2%
Hawaii- Health Organizations	1	59,847	0%
DOD-Department of Defense	10	8,697,512	18%
DA-Dept of Agriculture	3	3,464,246	7%
Hawaii- Government Agencies	23	3,548,722	7%
Mainland- Business and Other	4	187,174	0%
Mainland- Non-Profit Organizations	5	345,018	1%
Foreign	3	527,301	1%
National Aeronautics and Space Administration	2	230,011	0%
Hawaii- Business and Other	1	65,215	0%
ED-Dept of Education	1	920,588	2%
National Science Foundation	10	5,464,565	11%
US Colleges and Universities	11	1,267,463	3%
DOC-Dept of Commerce	14	6,750,424	14%
DOI-Dept of Interior	14	2,754,965	6%
DHHS-Dept of Health and Human Services	18	10,694,033	22%
DOE-Dept of Energy	2	1,324,999	3%
Federal Agencies	1	1,518,993	3%
Overall - Total	137	48,818,830	100%

**Extramural Non-Research Awards for the Period
Jul 1, 2023 to Sep 30, 2023
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
Hawaii- Business and Other	2	431,943	1%
DHHS-Dept of Health and Human Services	4	1,124,542	2%
US Colleges and Universities	2	35,000	0%
Hawaii- Non-Profit Organizations	46	3,354,670	6%
Hawaii- Government Agencies	46	7,991,621	14%
Foreign	6	4,995,411	9%
DA-Dept of Agriculture	2	7,054,000	12%
Hawaii- Dept of Education	3	683,334	1%
National Science Foundation	3	1,294,202	2%
Mainland- Health Organizations	1	147,500	0%
ED-Dept of Education	19	12,474,017	22%
Federal Agencies	5	1,328,612	2%
Mainland- Business and Other	4	10,721,744	19%
National Aeronautics and Space Administration	3	4,591,473	8%
Mainland- Non-Profit Organizations	4	1,559,662	3%
Overall - Total	150	57,787,731	100%

**Year to Date Extramural Research Awards
Jul 1, 2023 to Sep 30, 2023
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DOD-Department of Defense	10	8,638,596	18%
National Science Foundation	10	5,464,565	11%
Mainland- Business and Other	4	150,231	0%
Hawaii- Non-Profit Organizations	14	997,754	2%
DOC-Dept of Commerce	14	6,750,424	14%
Federal Agencies	1	1,518,993	3%
Hawaii- Government Agencies	23	3,548,722	7%
DOE-Dept of Energy	2	1,324,999	3%
ED-Dept of Education	1	920,588	2%
DOI-Dept of Interior	14	2,754,965	6%
National Aeronautics and Space Administration	2	230,011	0%
Foreign	3	521,229	1%
US Colleges and Universities	11	1,242,463	3%
DA-Dept of Agriculture	3	3,464,246	7%
Hawaii- Business and Other	1	65,215	0%
DHHS-Dept of Health and Human Services	18	10,655,447	22%
Hawaii- Health Organizations	1	59,847	0%
Mainland- Non-Profit Organizations	5	262,538	1%
Overall - Total	137	48,570,833	100%

**Year to Date Extramural Non-Research Awards
Jul 1, 2023 to Sep 30, 2023
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
Hawaii- Non-Profit Organizations	46	3,354,670	6%
ED-Dept of Education	19	12,474,017	22%
Federal Agencies	5	1,328,612	2%
National Science Foundation	3	1,294,202	2%
Hawaii- Business and Other	2	431,943	1%
Mainland- Non-Profit Organizations	4	1,559,662	3%
Hawaii- Government Agencies	46	7,604,586	13%
Mainland- Business and Other	4	10,688,339	19%
Hawaii- Dept of Education	3	608,334	1%
US Colleges and Universities	2	35,000	0%
DA-Dept of Agriculture	2	7,054,000	12%
Mainland- Health Organizations	1	147,500	0%
DHHS-Dept of Health and Human Services	4	1,124,542	2%
Foreign	6	4,995,411	9%
National Aeronautics and Space Administration	3	4,591,473	8%
Overall - Total	150	57,292,291	100%