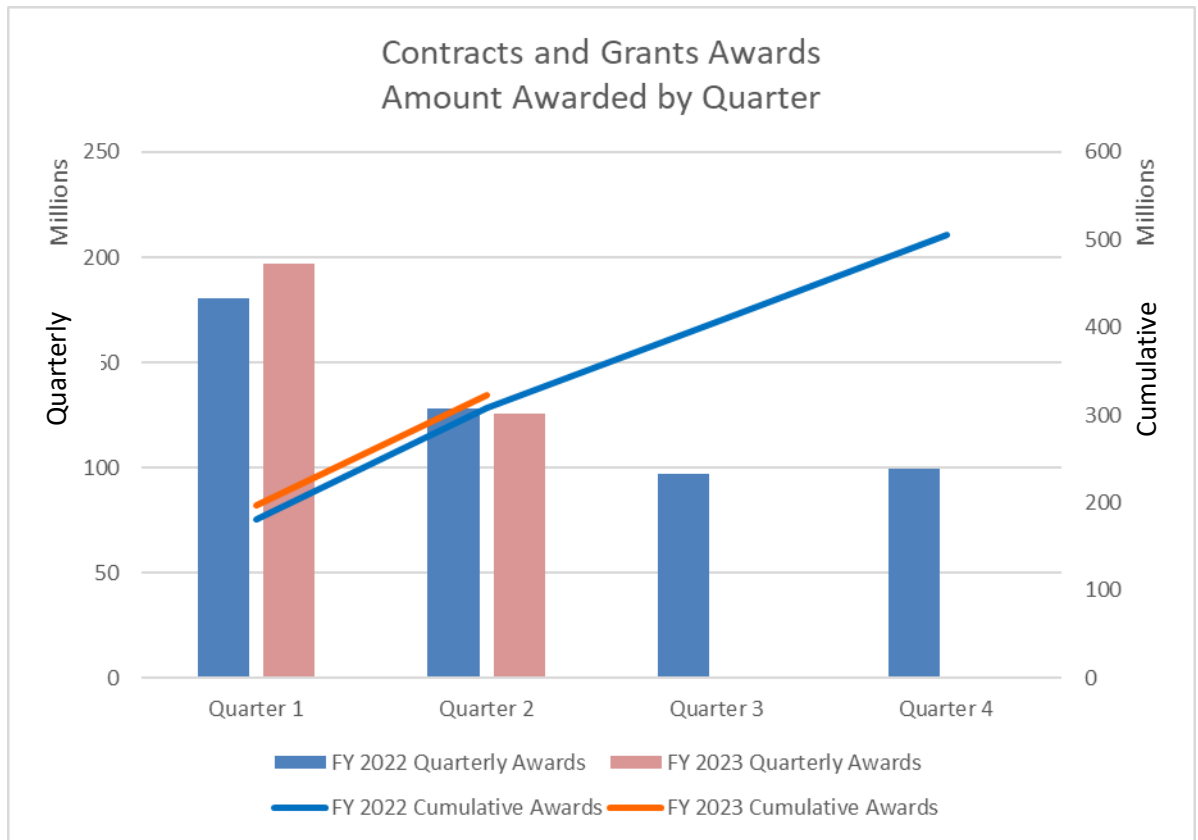
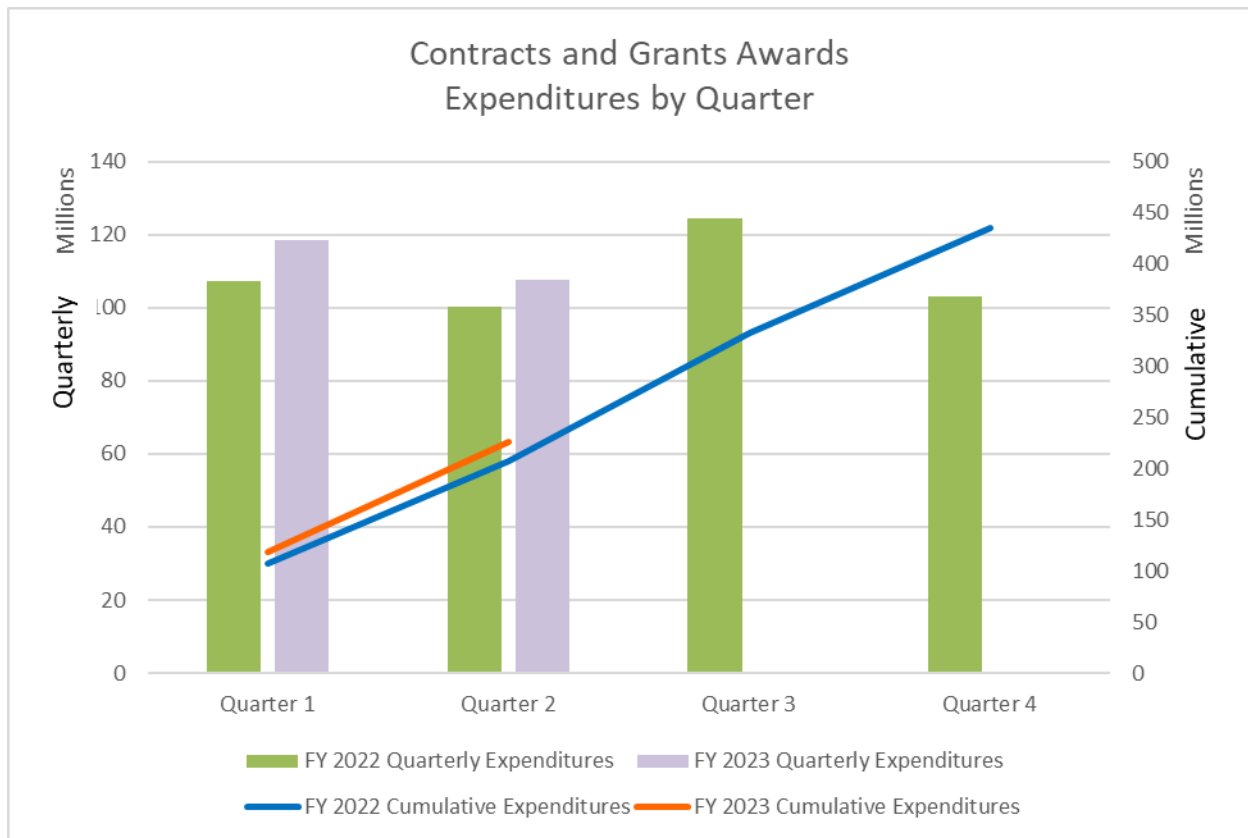


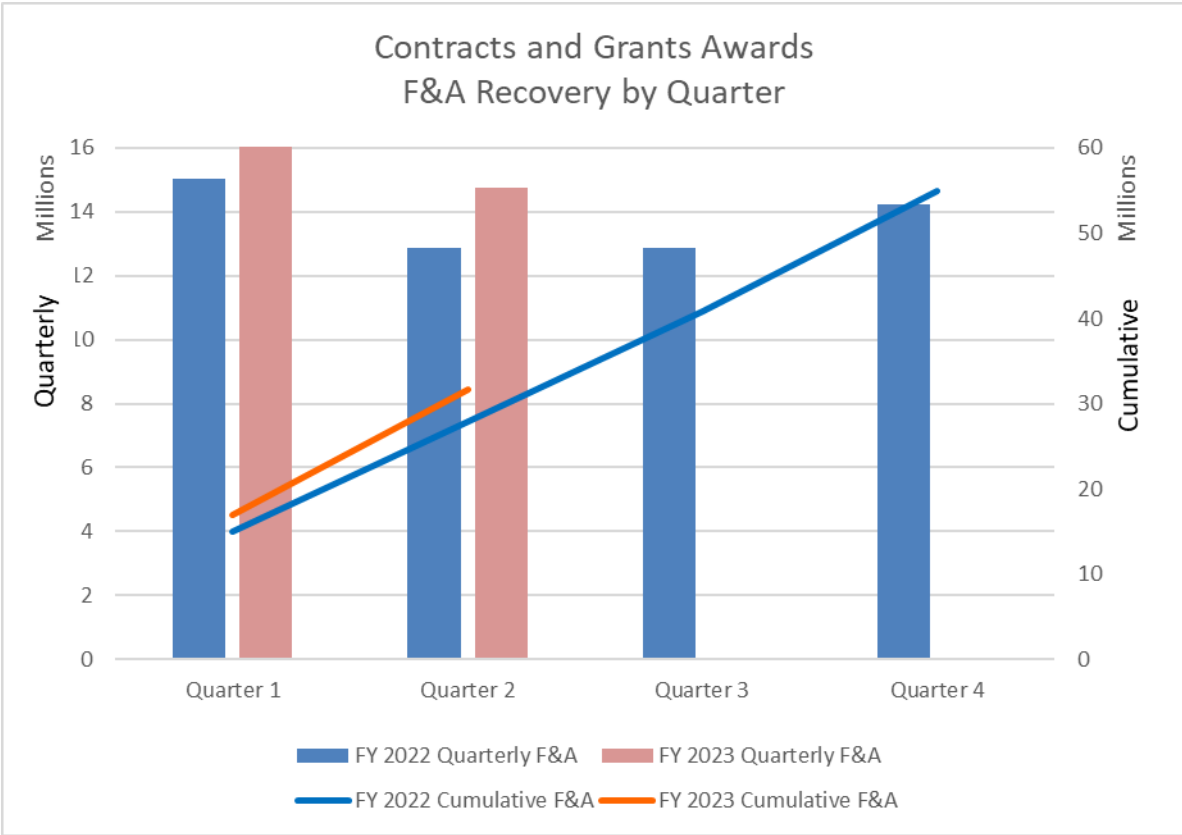
Contracts and Grants Awards  
As of Quarter Two – FY 2023



# Contracts and Grants Expenditures As of Quarter Two – FY 2023



Contracts and Grants F&A Recovery  
As of Quarter Two – FY 2023



## Extramural Sponsor Awards Quarterly Summary

<b><u>Program Type</u></b>	<b>Oct 1 - Dec 31 2022</b>		<b>Oct 1 - Dec 31 2021</b>	
	<b><u>Count</u></b>	<b><u>Amount</u></b>	<b><u>Count</u></b>	<b><u>Amount</u></b>
Research	194	\$ 47,017,617	247	\$ 66,487,369
Non-Research	203	\$ 78,791,263	253	\$ 63,402,933
<b><u>Total</u></b>	<b><u>397</u></b>	<b><u>\$125,808,880</u></b>	<b><u>500</u></b>	<b><u>\$129,890,302</u></b>

Note: The detailed award listing is available at:

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

The FY 2022 year-to-date total was: \$308,823,810.

The unofficial FY 2023 year-to-date total is: 990 awards totaling \$322,567,291.

## Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

### Research

#### DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	Clifford Morden	Pacific Cooperative Studies Unit	Sustaining the Capacity for Forest Inventory and Analysis Projects in Hawaii and in the Western Pacific Islands	1	65,000
AGRICULTURE, DEPT, FOREST SVC-FED	David Lassner	Pacific Disaster Center	Multi-Hazard Early Warning Capacity Development for Eurasia	1	264,000
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	John Hu	Plant and Environmental Protection Sciences	Genetic Technologies for Detection, Characterization, and Control of Plant Viruses in Hawaii	1	61,169
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Walter Truman Bowen	College of Tropical Agriculture and Human Resources	Sustainable and Profitable Production of Specialty Crops in a Changing Environment	1	165,862

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

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-ADMIN FOR COMM LIVING	Kathryn Lenzner Braun	Thompson School of Social Work & Public Health	Ha Kupuna National Resource Center for Native Hawaiian Elders	2	349,332
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Alexandra Binder	Cancer Etiology (Epidemiology)	Characterizing the Risk of Chemotherapy Side Effects Based on Epigenetic Age and Modification by Resistance Training Intervention	1	645,794
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Jeffrey Berenberg	Translational and Clinical Research	Hawaii Minority/Underserved NCORP	1	1,243,745
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	John A Shepherd	Cancer Etiology (Epidemiology)	Lesion Composition and Quantitative Imaging Analysis on Breast Cancer Diagnosis	1	617,883
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Loic Le Marchand	Cancer Etiology (Epidemiology)	Effects of Intermittent Energy Restriction on Intra-Abdominal Fat and the Gut Microbiome: A Randomized Trial	1	1,110,521
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Neal Palafox	Cancer Etiology (Epidemiology)	(1/2) Pacific Island Partnership for Cancer Health Equity (PIPCHÉ)	1	1,428,502

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Youping Deng	Department of Quantitative Health Sciences	Profiling Genome-Wide Circulating ncRNAs for the Early Detection of Lung Cancer	1	481,680
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL INST MIN HLTH & DISP	Jerris Hedges	John A. Burns School of Medicine	Hawaii Data Science Training for RCMI Researchers	1	391,250
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL INST MIN HLTH & DISP	Jerris Hedges	John A. Burns School of Medicine	Ola HAWAII	1	4,552,815
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL INST MIN HLTH & DISP	Unhee Lim	Cancer Etiology (Epidemiology)	Longitudinal Study of Early NAFLD Progression and the Gut Microbiome in Asian Americans, Native Hawaiians and Whites	1	700,437
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Ralph Shohet	Department of Medicine	Epigenetic Regulation of the Hypoxic Response in the Mouse Heart	1	100,000
HEALTH & HUMAN SVC, DEPT-NIH-FED OFFICE OF DIRECTOR	V Balaraman	Department of Pediatrics	Hawaii IDeA Center for Pediatric and Adolescent Clinical Trials2 (HIPACT2)	1	250,000
HEALTH & HUMAN SVC,DEPT-NIH-FED NTL INST CHLD HLTH&HUM DEV	Michelle Matter	Natural Products (Cancer Biology)	Protecting the Maternal Heart From Pregnancy-Associated Heart Disease	1	385,000
HEALTH & HUMAN SVC,DEPT-NIH-FED NTL INST CHLD HLTH&HUM DEV	Monika Anna Ward	Department of Anatomy, Biochemistry, and Physiology	The Role of Y Chromosome Genes Prssly and Teyorf1 in Male Reproduction	1	72,750

#### DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED NATL OCEAN SVC	Erik Franklin	Hawaii Institute of Marine Biology (HIMB)	Building Capacity and Providing Essential Data for Effective and Sustainable Management of Coral Reef Fisheries in Indonesia	1	128,058

#### DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	Kristi L West	Human Nutrition, Food and Animal Sciences	Comprehensive Stranding Investigations for High Priority Species, Joint Base Pearl Harbor, Hickam, Hawaii	1	133,398

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	Lars Bejder	Hawaii Institute of Marine Biology (HIMB)	Advancing Monitoring Capacity in Hawaii through Non-invasive Measures to Evaluate Fine-Scale Responses of Marine Mammals to Disturbance	1	54,598
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	William Mautz	Biology (UH Hilo)	Island Night Lizard for SCI	1	46,482
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	David Lassner	Applied Research Laboratory	VaCUUMS Task Order 0002: MHPCC Customer Research and Development (R&D)	1	2,700,000
DEFENSE, DEPT-ARMY ENG RSCH & DEV CTR	Patrick Hart	Tropical Conservation Biology and Environmental Science	Remote, Near-Real-Time, Autonomous Acoustic Monitoring of Military Lands for At-Risk Species	1	73,259
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Charles Henry Fletcher	School of Ocean and Earth Science and Technology	CRI Year 2: Mapping Flood Risks Related to Sea Level Rise and Vulnerable Infrastructure	1	2,000,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Eva-Marie Nosal	Department of Ocean and Resources Engineering	MAMBAT (Multiple-Animal Model-Based Acoustic Tracking): Improving Underwater Passive Acoustic Multi-Target Tracking Methods	1	136,127
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Kristi L West	Hawaii Institute of Marine Biology (HIMB)	BALEEN: Balaenopterids - A Layered Exposures and Effects Nexus	1	80,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Lars Bejder	Hawaii Institute of Marine Biology (HIMB)	Developing Hawaii-Based Capacity to Analyze Accelerometry Tag Data to Evaluate Responses of Marine Mammals to Disturbance	1	115,066
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Richard Rocheleau	Hawaii Natural Energy Institute (HNEI)	Materials Enablers for Advanced Manufacturing of Attritable Fuel Cells	1	200,000

#### DOE-Dept of Energy

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ENERGY, DEPT	Alice Evelyn Koniges	Office of the Vice President for Information Technology	Modeling the Interaction of Laser-Produced Proton Beams with Matter	1	199,996
ENERGY, DEPT	Nicolas Gaillard	Hawaii Natural Energy Institute (HNEI)	Two-Dimensional Materials for Thin Film Manipulation in Solar Energy Conversion Devices	1	250,000

#### DOI-Dept of Interior

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-NATIONAL PARK SVC	Christina G Mello	Division of Social Sciences	Visual Portrayals of Honouliuli: A Storied Place of Cultural and Historical Significance	1	42,231
INTERIOR, DEPT-NATIONAL PARK SVC	John Henrik Burns	Marine Science	Evaluate Coral Reef, Marine Fish, and Benthic Monitoring Protocol in Pacific Island and South Florida Caribbean Inventory and Monitoring Networks	1	49,996
INTERIOR, DEPT-NATIONAL PARK SVC	Patrick Hart	Biology (UH Hilo)	Monitoring Support and Youth Development in the Pacific Island Network	1	51,970
INTERIOR, DEPT-NATIONAL PARK SVC	Ryan Louis Perroy	Geography (UH Hilo)	Develop and Implement Unmanned Aircraft Systems (UAS) Research and Monitoring at Ala Kahakai National Historic Trail and at Pu'uuhonua o Honaunau National Historical Park	1	19,999
INTERIOR, DEPT-NATIONAL PARK SVC	Shaya Honarvar	Pacific Cooperative Studies Unit	Experimental Restoration of Rare Plants and Native Hawaiian Ecosystems	1	91,654
INTERIOR, DEPT-NATIONAL PARK SVC	Shaya Honarvar	Pacific Cooperative Studies Unit	Monitor and Evaluate Recovery Strategies for Ua'u and Nene at Hawai'i Volcanoes National Park	1	115,000
INTERIOR, DEPT-NATIONAL PARK SVC	Shaya Honarvar	Pacific Cooperative Studies Unit	Reintroduction of Rare Plants to Strand, Dry Forest, and Rainforest Communities of Kalaupapa National Historical Park	1	31,244
INTERIOR, DEPT-NATIONAL PARK SVC	Shaya Honarvar	Pacific Cooperative Studies Unit	Strengthening Partnerships to Combat Invasive Species through CGAPS, the Coordinating Group on Alien Pest Species	1	5,400
INTERIOR, DEPT-NATIONAL PARK SVC	Shaya Honarvar	Pacific Cooperative Studies Unit	Suppression of Non-Native Mosquito Populations in Key Forest Bird Habitats of East Maui	1	3,582,531
INTERIOR, DEPT-NATIONAL PARK SVC	William Chapman	School of Architecture	Develop Region 12 Park Administrative Histories	1	162,549
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Rebecca Ostertag	College of Natural and Health Sciences	HI RWO 23: How Do You Know What to Plant Where? Developing A Climate-Resilient Restoration Approach that Combines Functional, Climate, and Geographic Data	1	48,059



### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Quantitative Analysis of Data from Pacific Island Ecosystems	1	281,945
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Science for Management and Control of Invasive Species	1	247,238

#### ED-Dept of Education

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED FULBRIGHT HAYS PGM	Christopher L Sabine	Vice Provost, Research and Scholarship	Fulbright-Hays - Faculty Research Abroad	1	28,867
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Hye-Jin Park	Center on Disability Studies/University Affiliated Pgms	Culturally and Linguistically Diverse and Twice-Exceptional Students Achieving and Matriculating in Science, Technology, Engineering, and Mathematics (STEM) (CLD TEAMS)	1	680,854

#### Foreign

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
American Samoa Community Cancer Coalition	Ian Pagano	Social and Behavioral Sciences (Prevention in the Pacific)	Alzheimer's Disease and Related Dementias (ADRD) Prevalence in American Samoa	1	76,824
Institut De La Corrosion	Lloyd Hihara	Mechanical Engineering	Corrosion Field Testing of Various Metals	1	10,717
KOREA FOUNDATION	Su-mi Lee	Political Science and Administration of Justice (UH Hilo)	South Korea's Expanding Space Program and its Implications	1	50,000
Toronto, University of	Kenneth Chambers	Institute for Astronomy	UH-UT Young Supernova Experiment	1	96,679

#### Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
'OHU 'OHU KO'OLAU INC	Clifford Morden	Pacific Cooperative Studies Unit	Central Koolau Weed Control, Management, and Outreach FY23	1	234,467
'OHU 'OHU KO'OLAU INC	Clifford Morden	Pacific Cooperative Studies Unit	Priority Weed Control and Surveys in East Halawa	1	10,000
MALAMA KAHALAWAI INC	Clifford Morden	Pacific Cooperative Studies Unit	Conservation of Kapunakea Preserve, West Maui	1	81,642

## Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

### Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT-HI - HI ARMY NATL GUARD	Rebecca Ostertag	College of Natural and Health Sciences	Serve as Subject Matter Experts for the Cyrtandra nanawaleensis Recovery Plan and Assist Hawai'i Army National Guard Environmental Office Staff with Restoration Efforts to Decrease Invasive Species	1	100,000
LAND & NATURAL RES, DPT (DLNR)-Commission on Water Resource Management	Kamanamaikalani Beamer	Kamakakuokalani Center for Hawaiian Studies	Dana Naone Hall Chair in Hawai'i inuiakea School of Hawaiian Knowledge - Graduate Research Assistant	1	40,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	West Hawaii Coral Recruitment Monitoring	1	45,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Pacific Cooperative Studies Unit	Survey and Monitoring of Rapid Ohia Death on Hawaii Island	1	74,018
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Pacific Cooperative Studies Unit	WP22-23 MKWA PCSU	1	162,500
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Pacific Cooperative Studies Unit	WP22-23 Waianae Mountains Watershed Partnership	1	82,500
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Pacific Cooperative Studies Unit	Hawaii Weed Risk Assessment	1	124,387
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Pacific Cooperative Studies Unit	Maui Nui Seabird Research and Restoration	1	175,745
LAND & NATURAL RES, DPT-FORST (DLNR)	Mark Wright	Plant and Environmental Protection Sciences	Early Detection of Incipient Coqui Infestations with Listening Technology	1	12,501
LAND & NATURAL RES, DPT-FORST (DLNR)	Mark Wright	Plant and Environmental Protection Sciences	Invasion Ecology of Arcte Coerula (Lepidoptera, Noctuidae), a New Pest of Māmaki and Other Nettles in Hawai'i	1	16,727
LAND & NATURAL RES, DPT-FORST (DLNR)	Nellie Sugii	Lyon Arboretum	Plant Restoration and Enhancement, Rare Plant Facilities	1	315,972
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Developing Technical Tools for Urban Forestry Project	1	19,214
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Development of Outreach Methodologies for Natural Resource Stewardship	1	84,000

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Endangered Maui Forest Bird Population Research & Management	1	61,776
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Forest Restoration on Mauna Kea	1	64,481
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	GIS Research on Kauai State Forest Lands	1	46,451
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Kauai Endangered Seabird Conservation Research and Management	2	130,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Lehua Islet Seabird Restoration	1	40,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Surveys and Control of Tibouchina herbacea WP22-23 OISC	1	90,000
TRANSPORTATION, DEPT-HI	Guohui Zhang	Civil and Environmental Engineering	Pilot Connected Automated Vehicle System Investigations for Enhanced Safety and Mobility of Seniors and Individuals with Disabilities in Hawaii	1	2,000,000

### **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	Protecting Wahi Pana of Hawaii Island from Invasive Species	1	45,600
EPIC Ohana, Inc	Ivette Stern	Center on the Family	HI HOPES Initiative Data Analysis	1	10,000
HAWAII COMMUNITY FOUNDATION GEIST FDTN	Gary Harris Ramil Glauberman	Nancy Atmospera-Walch School of Nursing	Assessment of Emergency Preparedness Among Hawaii Families with Young Children	1	60,000
Three Mountain Alliance Foundation	Clifford Morden	Pacific Cooperative Studies Unit	Keauhou Corral Restoration	1	61,426
UNIVERSITY HAWAII FOUNDATION	Clementina Devera Ceria-Ulep	Nancy Atmospera-Walch School of Nursing	The Matsuda Chair	1	122,406
UNIVERSITY HAWAII FOUNDATION	Elizabeth Brook Chapman de Sousa	Institute for Teacher Education	2022-2023 Hubert Everly Endowed Scholar for Chapman	1	13,500
UNIVERSITY HAWAII FOUNDATION	Fernando Martinez	Hawaii Institute of Geophysics and Planetology (HIGP)	Seafloor Hydrothermal Research	1	18,374

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Karen Jolly	History (UH Manoa)	Bentley Distinguished Professorship	1	13,000
UNIVERSITY HAWAII FOUNDATION	Lars Bejder	Hawaii Institute of Marine Biology (HIMB)	Marine Mammal Enrichment Fund	1	40,000
UNIVERSITY HAWAII FOUNDATION	Masayoshi Yamaguchi	Natural Products (Cancer Biology)	DHMB Account	1	27,338
UNIVERSITY HAWAII FOUNDATION	Scott Kuwada	Department of Medicine	Respiratory Health	1	78,275
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	Jerry H. Bentley Faculty Award	1	2,100
UNIVERSITY HAWAII FOUNDATION	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	Alicata TMMMP Graduate Program	1	15,000

### **Mainland- Business and Other**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
BROOKHAVEN NATIONAL LABORATORY	Sven Einar Vahsen	Department of Physics and Astronomy	University of Hawaii Belle II Operations Subcontract	1	68,800
ELI LILLY & COMPANY	Rui Sun	Department of Chemistry	Internal Implementation of Transition-tempered Metadynamic Method	1	60,000
Far West Athletic Trainers' Association	Christopher Stickley	Department of Kinesiology and Rehabilitation Science	The Effect of Stroboscopic Visual Feedback Disruption on Gait Biomechanics Following Anterior Cruciate Ligament Reconstruction	1	2,400
Franklin County Public Health	Tetine Lynn Sentell	Office of Public Health Studies	Advancing Health Literacy to Enhance Equitable Community Responses to COVID-19	1	145,499
Integrated Deposition Solutions, Inc.	Tyler Robbins Ray	Mechanical Engineering	2022_IDC Submission	1	40,000
JET PROPULSION LAB-JPL	Sarah Ann Fagents	Hawaii Institute of Geophysics and Planetology (HIGP)	Habitability of Hydrocarbon Worlds: Titan and Beyond	1	95,656
Kymanetics, Inc.	Joseph J Brown	Mechanical Engineering	Reduced Cost and Complexity for Off-Highway Aftertreatment	1	45,774

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL GEOGRAPHIC SOCIETY	Jeffrey Channing Drazen	Department of Oceanography	Studies of Deep-Sea Scavenger Diversity and Community Structure with Baited Cameras	1	551,510
Nuvera Fuel Cells, LLC	Tatyana Valentinovna Reshetenko	Hawaii Natural Energy Institute (HNEI)	Advanced Characterization of PEM Fuel Cells Using Open Flowfield Architecture	1	99,999
SPACE TELESCOPE SCIENCE INSTITUTE	Abraham Cornelis Adwin Boogert	Institute for Astronomy	IceAge: Chemical Evolution of Ices During Star Formation	1	46,704
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	1	37,913
SPACE TELESCOPE SCIENCE INSTITUTE	Michael Liu	Institute for Astronomy	Resolving Mass Benchmarks for Ultracool Atmospheres	2	26,025
Sandia National Laboratories	Jonghyun Lee	Water Resources Research Center	Science-Informed Machine Learning for Accelerating Real Time Decisions - Carbon Storage	1	80,000
Soligenix, Inc.	Axel T Lehrer	Department of Tropical Medicine, Medical Micro and Pharm	Thermostabilized Subunit Glycoprotein Vaccine Platform: Immune Characterization of an Emulsified Adjuvant with SARS-CoV-2 Spike Protein and EBOV GP	1	40,000
Synoptic Data PBC	Thomas Giambelluca	Water Resources Research Center	National Mesonet Program	1	96,017

#### Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Beth Israel Deaconess Medical Center	Yurii B Shvetsov	Cancer Etiology (Epidemiology)	A Prediction Model to Simultaneously Estimate Personal Risk of Breast Cancer and Death From Other Causes in Women Aged 55 and Older	1	37,917
Fred Hutchinson Cancer Center (FHCC)	Loic Le Marchand	Cancer Etiology (Epidemiology)	Using Functional Genomics to Inform Gene Environment Interactions for Colorectal Cancer	1	5,243

#### Mainland- Non-Profit Organizations

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Bay Area Environmental Research Institute	Xudong Sun	Institute for Astronomy	Global EUV Waves and Their Interaction with Coronal Structures: Multi-wavelength Analysis and MHD Modeling	1	30,936
Donald Danforth Plant Science Center	Sharon Aiko Motomura Wages	Hawaii County	Targeted Epigenetic Silencing of Cassava Disease Susceptibility Phase II	1	34,246
Henry M. Jackson Foundation for the Advancement of Military Medicine	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	Creating Innovative Camelid Nanobody Approaches for Treatment of Severe Dengue	1	11,738
INSTITUTE INTERNATIONAL EDUCATION	Julio Rodriguez	College of Arts, Languages, and Letters	The Language Flagship Technology Innovation Center (Tech Center)	1	1,099,990
JOHNSON (ROBERT WOOD) FOUNDATION	Mapuana C K Antonio	Office of Public Health Studies	Interdisciplinary Research Leaders Cohort Seven - 2022	1	78,000
JOHNSON (ROBERT WOOD) FOUNDATION	Troy John Hoonani Andrade	William S. Richardson School of Law	Interdisciplinary Research Leaders Cohort Seven - 2022	1	78,000
JOHNSON (ROBERT WOOD) FOUNDATION	Veronica Luukia Nakanelua	William S. Richardson School of Law	Interdisciplinary Research Leaders Cohort Seven - 2022	1	78,000
Nia Tero Foundation	Eleanor J Sterling	Hawaii Institute of Marine Biology (HIMB)	Biocultural Monitoring	1	249,980
Schmidt Family Foundation / Schmidt Marine Technology Partners	Bruce Howe	Department of Ocean and Resources Engineering	Advancing SMART Cables	1	307,000
Simons Foundation	Efren Ruiz	Mathematics (UH Hilo)	Classification of C*-Algebras: Rigidity and Structure	1	16,800
Simons Foundation	Michelle Manes	Department of Mathematics	Arithmetic Dynamics, PCF Functions, and Belyi Maps	1	42,000

### **National Aeronautics and Space Administration**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Bo Qiu	Department of Oceanography	Dynamic-Thermodynamic Upper Ocean Variability and Coral Reef Impact in the Western Tropical Pacific	1	91,497
NATIONAL AERONAUT & SPACE ADM	David Tholen	Institute for Astronomy	Continued State-of-the-Art Tracking of Faint Near-Earth Objects	1	588,940

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Eileen M Nalley	Sea Grant College Program	Understanding Contaminant Risk through Stories of 'Āina (Relationships between People and Places) in Ke Awa Lau o Pu'uloa (Pearl Harbor)	1	124,951
NATIONAL AERONAUT & SPACE ADM	Emily Costello	Hawaii Institute of Geophysics and Planetology (HIGP)	Ka Malamalama o ka Mahina: Building Pathways for Indigenous Lunar Science in Hawai'i	1	74,942
NATIONAL AERONAUT & SPACE ADM	Eric Gaidos	Earth Sciences	Comparative Evolution of Small Planets Close to Cool Stars	1	100,538
NATIONAL AERONAUT & SPACE ADM	Frances Zhu	Hawaii Institute of Geophysics and Planetology (HIGP)	An Open-Source, Comprehensive Robot Dynamics and Control ROS2 Simulation Environment for Planetary Surface Missions	1	50,000
NATIONAL AERONAUT & SPACE ADM	John Tonry	Institute for Astronomy	All Sky NEO Detection and Warning	1	698,179
NATIONAL AERONAUT & SPACE ADM	Luke P Flynn	Hawaii Institute of Geophysics and Planetology (HIGP)	The Hawaii NASA EPSCoR Research Infrastructure Development Program	1	60,000
NATIONAL AERONAUT & SPACE ADM	Michael Bottom	Institute for Astronomy	Photon Counting NIR LmAPD Arrays for Ultra-low Background Space Observations	1	824,592
NATIONAL AERONAUT & SPACE ADM	Nikolai Maximenko	International Pacific Research Center (IPRC)	Collaboration with Citizen Scientists to Enhance Open Ocean and Coastal Observations and Sampling and to Augment Impacts and Utility of Remote Sensing for Physical, Biological, Ecological, and...	1	62,003
NATIONAL AERONAUT & SPACE ADM	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Co-Investigator Support to the Lunar Orbiter Laser Altimeter Project	2	115,000
NATIONAL AERONAUT & SPACE ADM	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Infrared Photometric Properties of Lunar Soils (STUDENT: Abigail Flom)	1	44,973
NATIONAL AERONAUT & SPACE ADM	Peter Gorham	Department of Physics and Astronomy	Flight Receivers for Orbital Remote Sensing of Buried Lunar Ice Deposits via CoRaLS: the Cosmic Ray Lunar Sounder	1	767,090

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	A New Near-Real-Time Volcanic Eruption Monitoring Algorithm for SUOMI NPP and JPSS VIIRS, Providing Continuity with the MODIS/EOS ERA MODVOLC System	1	243,281
NATIONAL AERONAUT & SPACE ADM	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	Hyperspectral Thermal Imager (HyTI)	1	399,167
NATIONAL AERONAUT & SPACE ADM	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	MODVOLC Algorithm: Near-Real-Time Detection, Monitoring and Quantification of Global Volcanic Eruptions Using Terra and Aqua MODIS	1	63,211
NATIONAL AERONAUT & SPACE ADM	Sarah Ann Fagents	Hawaii Institute of Geophysics and Planetology (HIGP)	Modeling an Endogenic Origin for Raised Rim Depressions on Titan	1	46,811
NATIONAL AERONAUT & SPACE ADM	Seth M Bushinsky	Department of Oceanography	Characterizing the Impact of Seasonal Sea Ice on Phytoplankton Blooms and Net Community Production with Integrated Satellite and Biogeochemical Profiling Float Observations	1	43,434
NATIONAL AERONAUT & SPACE ADM	Shadia R Habbal	Institute for Astronomy	Kite-Borne Platform for Total Solar Eclipse Spectroscopic Observations of the Corona and the Sources of the Solar Wind	1	196,697
NATIONAL AERONAUT & SPACE ADM	Shuai Li	Hawaii Institute of Geophysics and Planetology (HIGP)	University of Hawaii Systems	1	129,761

### **National Science Foundation**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	David Bruce Sanders	Institute for Astronomy	Collaborative Research: Exploring Early Galaxy Formation and the Epoch of Reionization with the Hawaii-Two-0 (H20) Survey	1	343,572
NATIONAL SCIENCE FOUNDATION	Glenn Carter	Department of Oceanography	At-Sea Testing and Final Development of the Hadal Water Column Profiler	1	199,831



### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Jacob L Johansen	Hawaii Institute of Marine Biology (HIMB)	Predicting Spatial and Temporal Responses of Herbivorous Coral Reef Fishes to Sediment Runoff	1	1,173,835
NATIONAL SCIENCE FOUNDATION	Jennifer L van Saders	Institute for Astronomy	Collaborative Research: The Evolution of Magnetic Complexity in Old Sun-like Stars	1	444,772
NATIONAL SCIENCE FOUNDATION	Zhuoyuan Song	Mechanical Engineering	NRI/Collaborative Research: Robotic Iceberg Sentinels (RISE)	1	455,460

### **US Colleges and Universities**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ALASKA FAIRBANKS, UNIVERSITY OF	Roger B Chen	Civil and Environmental Engineering	Designing and Planning for Safe Pedestrian Paths at Rail Transit Stations Serving RITI Communities	1	151,500
ARIZONA STATE UNIVERSITY	Joseph Boyce	Hawaii Institute of Geophysics and Planetology (HIGP)	Lunar Reconnaissance Orbiter Camera (LROC) Contract	1	7,000
ARIZONA STATE UNIVERSITY	Megan Joanna Donahue	Hawaii Institute of Marine Biology (HIMB)	Data Driven Support for Collaborative and Community Centered Monitoring and Decision Making for the Hawaii Holomua: Marine 30x30	1	39,000
ARIZONA STATE UNIVERSITY	Thomas Giambelluca	Water Resources Research Center	The Pacific RISA Phase IV: Building Equitable and Just Climate Solutions for Pacific Island Resilience to Compound Disasters and Extreme Events	1	391,308
AUBURN UNIVERSITY	Kiriko Takahashi	Center on Disability Studies/University Affiliated Pgms	NSF INCLUDES Alliance: The Alliance of Students with Disabilities for Inclusion, Networking, and Transition Opportunities in STEM (TAPDINTO-STEM)	1	234,117
BAYLOR COLLEGE OF MEDICINE	John A Shepherd	Cancer Etiology (Epidemiology)	Space-Feasible Body Composition and Body Shape Analysis for Long Duration Missions/EXP0012	1	75,000
BAYLOR COLLEGE OF MEDICINE	Loic Le Marchand	Cancer Etiology (Epidemiology)	Integrative Analysis of Lung Cancer Etiology and Risk (Project 1)	1	173,481

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Bd of Regents of University Sys of GA-Georgia Institute Of Technology	Margaret Edwards	Applied Research Laboratory	5G SPEAR Streamlined Maintenance and Air Readiness Technology (SMART) Flightline	1	75,000
CALIFORNIA BERKELEY, UNIVERSITY OF	Xin Chen	Natural Products (Cancer Biology)	Role of Protein Mediate Fatty Acid Uptake in Liver Cancer	1	125,200
CALIFORNIA INST OF TECHNOLOGY	David Tholen	Institute for Astronomy	Near-Earth Object Surveillance Mission	1	22,500
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	295,068
CALIFORNIA LOS ANGELES, UNIV	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Support to UCLA LRO Diviner Investigation	1	35,000
CALIFORNIA RIVERSIDE, UNIVERSITY OF	Scott Okamoto	Social and Behavioral Sciences (Prevention in the Pacific)	Engaging Pacific Islanders in Mental Health Treatment Services	1	10,000
CALIFORNIA RIVERSIDE, UNIVERSITY OF	Scott Okamoto	Social and Behavioral Sciences (Prevention in the Pacific)	Intervention Development and Pilot Study to Prevent Untreated Native Hawaiian and Pacific Islander Opioid Use Disorders	1	10,000
CALIFORNIA SAN FRANCISCO, UNIV	Lenora Loo	Cancer Etiology (Epidemiology)	Insights from Asian Populations into Disparities in Breast Cancer Prognosis and Outcomes	1	31,483
CALIFORNIA SAN FRANCISCO, UNIV	Sung-Shim Lani Park	Cancer Etiology (Epidemiology)	Understanding the Role of Structural Racism on Racial/Ethnic Inequities in Lung Cancer Risk	1	125,680
CALIFORNIA SANTA BARBARA, UNIV	John M Lynham	Social Science Research Institute	Using Outcomes from Marine Protected Area Implementation to Infer Potential Socioeconomic Consequences of Offshore Energy Development to Commercial Fisheries	1	37,341
CHAMINADE UNIVERSITY	Alexander Stokes	Department of Cell and Molecular Biology	Collaborative Research: NSF INCLUDES Alliance: Alliance Supporting Pacific Impact through Computational Excellence (ALL-SPICE)	1	192,671

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COLUMBIA UNIVERSITY	Xin Chen	Natural Products (Cancer Biology)	Role of Cancer-Associated Fibroblasts in Cholangiocarcinoma	1	217,860
HAWAII PACIFIC UNIVERSITY	Scott Okamoto	Social and Behavioral Sciences (Prevention in the Pacific)	An Adaptation and Evaluation of an Entrepreneurial Research Training Model in Hawaii: The HUI SRC	1	54,636
INDIANA UNIVERSITY	Gwen Jacobs	Office of the Vice President for Information Technology	Category I - Jetstream 2: Accelerating Science and Engineering On-Demand	1	80,000
JOHNS HOPKINS UNIVERSITY	Benjamin Jones	Applied Research Laboratory	BCS Maritime Materials Technology (M2T)	2	225,000
MICHIGAN, UNIVERSITY OF	Eleanor J Sterling	Hawaii Institute of Marine Biology (HIMB)	NERRS Science Collaborative: A Comprehensive National Program for End User Informed Estuarine Research	1	38,525
MICHIGAN, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Consortium for Monitoring, Technology, and Verification	1	430,169
MICHIGAN, UNIVERSITY OF	Yoshimi Mia Rii Claborn	Hawaii Institute of Marine Biology (HIMB)	NERRS Science Collaborative: A Comprehensive National Program for End User Informed Estuarine Research	1	198,810
MISSISSIPPI STATE UNIVERSITY	Michael B Kantar	Tropical Plant and Soil Science	CleanSEED: A Project to Ensure the Sustainability of U.S. Sweetpotato Seed Programs	1	355,941
MONTANA STATE UNIVERSITY	Ethel Villalobos	Plant and Environmental Protection Sciences	The Evolution and Importance of Natural Varroa Resistance in Hawaii's Honeybees	1	30,000
MONTANA STATE UNIVERSITY	Koon-Hui Wang	Plant and Environmental Protection Sciences	Examining the Biofumigation and Innate Potential of Ground Papaya Seeds to Induce Host Plant Resistance Against Soil-Borne Pathogens in Hawaii	1	29,348
MONTANA STATE UNIVERSITY	Melissa Renae Price	Natural Resources and Environmental Mgt (NREM)	Wildlife Impacts on Agroecosystems and Culture: Achieving Integrate Pest Management of Invasive Ungulates in Hawaii	1	349,979
MONTANA STATE UNIVERSITY	Theodore Radovich	Tropical Plant and Soil Science	Designing a Regenerative Systems Approach for Sustainable Turmeric Production	1	29,521
NORTHEASTERN UNIVERSITY	Marcus Tius	Department of Chemistry	Labelling Pregnenoloneat C18 and at C6 in the i-Steroid	1	66,348

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
New Mexico, University of - Board of Regents	Bruce Frank Houghton	Earth Sciences	The CONVERSE Center: CONverging on Volcanic ERuption Science with Equity	1	83,035
OREGON STATE UNIVERSITY	Maria Haws	Pacific Aquaculture and Coastal Resources Ctr	Preparing For Future Challenges - Threats from Ocean Acidification, Vibrio Coralliilyticus and Oshv-1 Uvar to West Coast Oyster Farmers	1	64,780
Ohio State University	Marcelo Hissakiti Kobayashi	Mechanical Engineering	Two-Point Topological Derivative for Eigenvalue Problems in Structural Mechanics	1	250,397
SOUTH CAROLINA, MEDICAL UNIVERSITY	Marcus Tius	Department of Chemistry	Synthesis and Optimization of the Aleutianamine Class of Alkaloids	1	122,520
SOUTHERN CALIFORNIA, UNIVERSITY OF	Loic Le Marchand	Cancer Etiology (Epidemiology)	Leveraging Diversity in Cancer Epidemiology Cohorts and Novel Methods to Improve Polygenic Risk Scores	1	73,499
STANFORD UNIVERSITY	John M Lynham	Social Science Research Institute	DISES: Pathways and Constraints to Adaptation in Coastal Social-Environmental Systems	1	64,246
State University of New York-Binghamton University	Henrietta Dulai	Earth Sciences	Climate Change Impacts on the Past and Future Coastal Freshwater Resources of Oceanic Islands	1	49,447
The Catholic University of America	Xudong Sun	Institute for Astronomy	Probing the Solar Corona with MHD Waves on Local and Global Scales	1	22,001
The Trustees of Columbia University in the City of New York	Deborah Eason	Earth Sciences	U.S. Science Support Program Office Associated with the International Ocean Discovery Program (USSSP-IODP)	1	8,451
The Trustees of Columbia University in the City of New York	Mariana Gerschenson	Fundamentals of Health Sciences (ADR)	Obesogenic Origins of Maternal and Child Metabolic Health Involving Dolutegravir (ORCHID)	1	52,029
The Trustees of Columbia University in the City of New York	Philip Albert von Doetinchem de Rande	Department of Physics and Astronomy	The GAPS Experiment: A Search for Dark Matter Using Low-Energy Antiparticles	1	226,417
The University of Tennessee Health Science Center	Dianqing Sun	Pharmaceutical Sciences	Development and Evaluation of Inhibitors of the C. difficile Enzyme, FabK, as Microbiome-Sparing Antibacterials	1	126,372

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
University of Arkansas for Medical Sciences	Rachel Novotny	Human Nutrition, Food and Animal Sciences	The Center for Research, Health, and Social Justice, Dr. Long's Project	1	38,413
University of Chicago	Peter Gorham	Department of Physics and Astronomy	The Payload for Ultrahigh Energy Observations (PUEO): A Long-duration Balloon-borne Instrument for Particle Astrophysics at the Highest Energies	1	601,370
University of North Texas Health Sciences Center at Fort Worth	Alexander Stokes	Department of Cell and Molecular Biology	Leveraging AI and Machine Learning to Address Intersex Under-Diagnosis/ Under-Recognition	1	298,904
University of North Texas Health Sciences Center at Fort Worth	Youping Deng	Department of Quantitative Health Sciences	Machine Learning (ML)-Based Approaches to Understand Lung Cancer Health Disparities by Integrating Genomics and Health Record Data	1	375,242
WASHINGTON STATE UNIVERSITY	Scott Okamoto	Social and Behavioral Sciences (Prevention in the Pacific)	Native Alzheimer's Disease Resource Center for Minority Aging Research (NAD-RCMAR)	1	12,229
WASHINGTON, UNIVERSITY OF	Justin Stopa	Department of Ocean and Resources Engineering	Using Ocean Surface Imagery to Estimate Atmospheric Boundary Layer Stability	1	67,215
WASHINGTON, UNIVERSITY OF	Zhuoyuan Song	Mechanical Engineering	AI Institute in Dynamic Systems	1	299,999
<b>Research - Total</b>				<b>194</b>	<b>47,017,617</b>

### Non-Research

#### DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	Kenneth Kaneshiro	Pacific Biosciences Research Center	Supporting the Hawaii Conservation Alliance	1	19,000
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Michael Shintaku	Hawaii County	Acquisition of Goods and Services	2	12,428
AGRICULTURE, DEPT-NATL INST FOOD AND AGRICULTURE	Anna Magda Wiczorek	Office of The Assoc Dean for Academic and Student Affairs	Hawaii-One-Ag 2022: Enhancing Agricultural Education at the University of Hawaii	1	999,970
AGRICULTURE, DEPT-NATL INST FOOD AND AGRICULTURE	Janel Yamamoto	Cooperative Extension	GoFarm Hawaii (GFH): Growing Hawaii's Agricultural Workforce and Industry	1	440,984

## Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

### DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-HRSA-FED Bureau of Health Workforce (BHW)	Seunghye Hong	Center on Aging	Behavioral Health Workforce Education and Training Program	1	500,000
HEALTH & HUMAN SVC, DEPT-ADMIN FOR COMM LIVING	Kiriko Takahashi	Center on Disability Studies/University Affiliated Pgms	Hawaii UCEDD	1	577,735
HEALTH & HUMAN SVC, DEPT-CTR DIS CTRL-FED	Lee Buenconsejo-Lum	Department of Family Medicine and Community Health	USAPI Pacific Regional Central Cancer Registry (PRCCR)	1	52,773
HEALTH & HUMAN SVC, DEPT-CTR DIS CTRL-FED	Neal Palafox	Department of Family Medicine and Community Health	Advancing and Sustaining Pacific Interventions to Reach Equity (ASPIRE)	1	594,000
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Aida Bun-Lup Wen	Department of Geriatric Medicine	Geriatrics Workforce Enhancement Program (NH Supplement)	1	47,500
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Aimee Malia Grace	Office of the Vice President for Research and Innovation	University of Hawaii Rural Health Research and Policy Center	1	999,966
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Kelley Withy	Academic Affairs (ADAA)	Model State-Supported Area Health Education Centers	1	1,731,000
HEALTH & HUMAN SVC, DEPT-HRSA-FED BUR OF HLTH PROF	Kelley Withy	Academic Affairs (ADAA)	Grants to States for Loan Repayment	1	965,048
HEALTH & HUMAN SVC, DEPT-NIH-FED	Dianqing Sun	Research	Liquid Helium Recovery System to Improve Shared Chemistry Instrumentation Core	1	317,910
HEALTH & HUMAN SVC, DEPT-OFC OF ASST SECRETARY FOR HEALTH	Kamuela J N Enos	Office of the Vice President for Research and Innovation	Establishment of a Center for Indigenous Innovation and Health Equity (CIIHE)	2	1,500,000
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST CHLD HLTH&HUM DEV	Monika Anna Ward	Department of Anatomy, Biochemistry, and Physiology	Vertebrate Sex Determination 2023	1	10,000

### DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED NATL OCEAN SVC	Eleanor J Sterling	Hawaii Institute of Marine Biology (HIMB)	HeNERR PAC - Dormitory Sustainability	1	1,477,590

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Darren Lerner	Sea Grant College Program	Hawaii-Pacific Aquaculture Consortium: Continuing the Expansion of an Aquaculture Development Program	1	237,701
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Maya Walton	Sea Grant College Program	FY 2022 Hawaii Sea Grant Coastal Adaptation and Resilience	1	62,500

#### **DOD-Department of Defense**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	Vassilis Syrmos	Office of the Vice President for Research and Innovation	Natural Resources and Threatened Endangered Species Management for the Army Natural Resources Program on Oahu, US Army Garrison Hawaii, Oahu, Hawaii	1	5,368,000
DEFENSE, DEPT-DEFENSE LOGISTICS AGENCY	Joseph Burns	Hawaii Small Business Development Center	Hawaii Procurement Technical Assistance Center	1	404,802
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Steven W Auerbach	Office of the Vice President for Research and Innovation	RISE-UP: Resilient Innovative Sustainable Economies via University Partnerships	1	2,400,000
Defense, Dept. - Naval Air Warfare Center Aircraft Division	David Lassner	Applied Research Laboratory	Leveraging Innovations, Frameworks and Technologies (LIFT) Ecosystem Operations and Maintenance, Navy (OMN)	1	450,000

#### **DOI-Dept of Interior**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-FISH & WILDLIFE SVC	Kenneth Kaneshiro	Pacific Biosciences Research Center	Hawaii Conservation Alliance	1	49,500
INTERIOR, DEPT-NATIONAL PARK SVC	Kelley Lynn Anderson Tagarino	Sea Grant College Program	Empowering Samoan Youth to Reconnect to the Ocean Through Aquatic Safety Training	1	30,138
INTERIOR, DEPT-NATIONAL PARK SVC	Sharon Ziegler	Vice Chancellor for Research	CESU HIPI - Leadership, Coordination and Administrative Oversight for the Hawaii-Pacific Islands Cooperative Ecosystem Studies Unit	1	38,025
INTERIOR, DEPT-NATIONAL PARK SVC	Sharon Ziegler	Vice Chancellor for Research	Growing the Next Generation of Cultural Resources Leaders Through PIPES	1	153,641

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-NATIONAL PARK SVC	Tracy Wiegner	College of Natural and Health Sciences	PACN Water Quality Study	1	25,899
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Kenneth Kaneshiro	Pacific Biosciences Research Center	Pacific Islands Climate Adaptation Science Center (PICASC) Membership in Hawaii Conservation Alliance (HCA)	1	9,900

#### ED-Dept of Education

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED	Eomailani Kukahiko	Department of Curriculum Studies	Hilinehu: Educational Leadership Advancement (HELA)	1	731,751
EDUCATION, DEPT-FED	Eric Folk	Center on Disability Studies/University Affiliated Pgms	Kulia STEM: Increasing the Postsecondary Success of Native Hawaiian Youth with Culturally Responsive Coaching and Mentoring for STEM Pathways	1	699,997
EDUCATION, DEPT-FED	Eric Folk	Center on Disability Studies/University Affiliated Pgms	Na Hokua Project C19 Relief Initiative (NHPC19)	1	919,011
EDUCATION, DEPT-FED	Holly Manaseri	Center on Disability Studies/University Affiliated Pgms	Kākau Mea Nui 2.0 (Writing Matters) Project	1	904,947
EDUCATION, DEPT-FED	Hugh Dunn	Curriculum Research and Development Group	'Aha Lamaku 'Oia'i'o (ALO): A Culturally-Responsive Leadership Development, Mentoring, and Transition Support System for At-Risk Native Hawaiian Youth	1	977,455
EDUCATION, DEPT-FED	Hugh Dunn	Curriculum Research and Development Group	'Aha Lamakū 'Oia'i'o-Ho'oikaika A'e (ALO-HA): A Culturally-Responsive Leadership and Academic Support System Designed to Accelerate the Learning of and Expand Opportunities for At-Risk NH Youth	1	436,717
EDUCATION, DEPT-FED	Hye-Jin Park	Center on Disability Studies/University Affiliated Pgms	Project Hokulani	1	838,540
EDUCATION, DEPT-FED	Kelli Wjl Ching	College of Engineering	Oi Ka Naauao STEM Pathways for Success	1	660,249



### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED	Kiriko Takahashi	Center on Disability Studies/University Affiliated Pgms	Ka Pilina Noeau II	1	794,782
EDUCATION, DEPT-FED	Lisa Uyehara	Center on Disability Studies/University Affiliated Pgms	Project Hookui IV: Ohana Lokahi	1	886,410
EDUCATION, DEPT-FED	Lois Ann Yamauchi	Department of Educational Psychology	Kuhikuhina Kaulike: Promoting Instructional Conversations for Equitable Participation Among Native Hawaiian Students	1	489,205
EDUCATION, DEPT-FED	Mark Levin	Center for Japanese Studies	Title VI National Resource Centers and Foreign Language and Area Studies Fellowships Program for East Asia at the University of Hawaii	1	243,143
EDUCATION, DEPT-FED	Michael Maglaya	Student Equity Excel & Diversity	Manawa Kupono: Supporting At-Risk Native Hawaiian Students to Succeed in College (2020-2023)	1	677,261
EDUCATION, DEPT-FED	Naomi Tanaka	Center on Disability Studies/University Affiliated Pgms	Hawai'i Positive Engagement Project (H-PEP): Spark Aloha	1	948,306
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Chuan Chinn	Center on Disability Studies/University Affiliated Pgms	Hawaii Family Engagement Center II (HFEC II)	1	628,600
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Carlos Ganesh Pen-aloza	Arts and Sciences	Ke Ala 'Anu'u: The Path of Steps	1	449,031
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Cathryn Clayton	School of Pacific and Asian Studies	Launching the Indo-Pacific Affairs Initiative at the University of Hawaii	1	1,000,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ellen Kenolio	Vice Chancellor for Student Affairs	Wailau Ola Pathway	1	600,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Kasey John Keala Chock	Academic Affairs (Leeward CC)	He Loa Ke Aho: Systematic Practices Reenvisioned for Native Hawaiian Student Success	1	548,747
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Leilani Au	Student Equity Excel & Diversity	University of Hawaii at Manoa Child Care Access Means Parents in School	1	384,275
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	297,601

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Margaret Anna Sanchez	Chancellor, Kauai Community College	Kahua Paepae Ola: Foundation to Support Success	1	391,841
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Rachel Hualani Loo	Chancellor, UH Hilo	Paieie: Indigenizing the University of Hawaii at Hilo and Hawaii Community College Campuses	1	599,926
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Rachel Maria H Solemsaas	Chancellor, Hawaii Community College	Manai-a-Maui: Transforming Institutions with an Indigenous Framework	1	450,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Rachel Maria H Solemsaas	Chancellor, Hawaii Community College	Nau II	1	550,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Rachel Maria H Solemsaas	Chancellor, Hawaii Community College	Nauane	1	550,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Rachel Maria H Solemsaas	Chancellor, Hawaii Community College	Ulu Kini	1	399,858
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Shayna Kekamaokalani Fuerte	Upward Bound	UH Hilo Upward Bound Program-Math & Science	1	297,601
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Susan S Nishida	University College	Ola Niuhelewai - Improving Native Hawaiian Success through Well-Being	2	1,005,547
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Valerie A Barko	Chancellor, Kauai Community College	Keleka'a Ho'ona'auo: Education Delivered Through Distance Education	1	444,030
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Willy Daniel K Kauai	Hawai'inuikea School of Hawaiian Knowledge	Hoapili: Exploring & Restoring Hawaiian Educational Origins at UH Mānoa & UH Maui College	1	735,682
EDUCATION, DEPT-FED OFC OF SPECIAL ED & REHAB SVCS	Jennifer Tarnay	Center on Disability Studies/University Affiliated Pgms	Hawaii and Pacific Deaf-Blind Consortium	1	157,000
EDUCATION, DEPT-FED OFC OF SPECIAL ED & REHAB SVCS	Nathan Murata	College of Education	Advancing Leadership Opportunities for Hawaiian, Asian American, and Pacific Islanders in Adapted Physical Education (ALOHA)	1	240,449
EDUCATION, DEPT-FED REHAB SVCS ADMIN	Judith Ann Daniels	Department of Kinesiology and Rehabilitation Science	Pursuing Excellence in Rehabilitation Counseling	1	200,000
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Christine Quintana	Vice Chancellor for Student Affairs (Hawaii CC)	Hawaii Community College TRIO Student Support Services Program	1	261,888

## Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Jolene Suda	Chancellor, Honolulu Community College	Honolulu Community College TRIO Student Support Services	1	274,137
EDUCATION, DEPT-FED TITLE 1 PERKINS	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	Career and Technical Education - Basic Grants to States	2	6,725,491

### Federal Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-OFFICE OF PARTNERSHIPS AND PUBLIC ENGAGEMENT	Emilie R Kirk	Kauai County	Limited English and Immigrant Farmer Education, LIFE, Improving Access to Support Services for Hawaii's Agricultural Population With Limited English Proficiency	1	743,667
AGRICULTURE, DEPT-RURAL DEVELOPMENT	Janel Yamamoto	Cooperative Extension	GoFarm Hawaii: Supporting Agribusiness in Rural Hawaii	1	124,000
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Dominic Estrella	Hawaii Commission for National and Community Service (HCNCS)	AmeriCorps State Formula Planning Grant	1	49,300
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Dominic Estrella	Hawaii Commission for National and Community Service (HCNCS)	HCNCS State Commission Support Grant	1	145,000
HOMELAND SECURITY, DEPT-FEMA	Beverly V Baligad	Chancellor, UH West Oahu	Hawai'i's Whole Community Approach to Building and Sustaining Behavior Intervention/Threat Assessment (BITA) Knowledge Through Ongoing Supportive Educational Measures and Events	1	533,285
HOMELAND SECURITY, DEPT-FEMA	Karl Eujung Kim	Urban and Regional Planning	FEMA Region 2 EDAP Deliveries: AWR-343, AWR-228, AWR-362 and AWR-379	1	20,199
National Endowment for the Humanities	Janel Quirante	'Ulu'ulu Giugni Archives	20th Century Hawai'i: Moving Images From Territory to Statehood	1	350,000
National Endowment for the Humanities	Jennifer Noelani Goodyear-Kaopua	Political Science (UH Manoa)	A Biography of Native Hawaiian Leader and Scholar, Haunani-Kay Trask, (1949 - 2021)	1	182,486
United States Botanic Garden	Raedelle R M Van Fossen	Lyon Arboretum	Plants and Climate Change Education (PLACCE)	1	56,000

### Foreign

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Korea Management Association	Mee-Jeong Park	Department of East Asian Languages and Literature	TOPIK IBT Pilot	1	3,340
Sendai University	Christopher Stickley	Department of Kinesiology and Rehabilitation Science	International Athletic Training Education	1	40,986

#### **Hawaii- Business and Other**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AHA PUNANA LEO INC	Keiki Kawaiaea	Ka Haka'Ula O Ke'Elikolani-UHH	'Olika A Lau Ka 'Ike	1	5,000
ALU LIKE INC	David Krupp	Chancellor, Windward Community College	'Ao Kahi	1	290,000
ALU LIKE INC	Gordon Talbo	Chancellor, Kauai Community College	Ka'ika'i A'o	1	160,000
ALU LIKE INC	Michaelyn Nakoa	Student Support Services	Kulia Ma Kapi'olani	1	250,000
ALU LIKE INC	Ronny T Umehira	Arts and Sciences	Kulia Mau	1	262,500
EAST WEST CENTER dba of CCTI b/w East and West, Inc.	Clement Paul Guthro	Library (UH Manoa)	2022 EWC Library Acquisition and Support Services	1	50,000
EAST WEST CENTER dba of CCTI b/w East and West, Inc.	Garret Tadashi Yoshimi	Office of the Vice President for Information Technology	2022 EWC Computer & Telecommunication	1	100,000
EAST WEST CENTER dba of CCTI b/w East and West, Inc.	Julie M Uyeno-Pidot	Office of Campus Services	2022 EWC Security & Parking Services	1	75,000
HAWAII COUNCIL FOR THE HUMANITIES	Timothy Slaughter	Community Programs	Community Engagement with the Asia Pacific Dance Festival	1	9,828
KAMEHAMEHA SCHOOLS	Kay Fukuda	Student Equity Excel & Diversity	PALS (Place-Based After School Literacy Support)	1	300,000
KAMEHAMEHA SCHOOLS	Lui Hokoana	Chancellor, UH Maui College	UH Maui College Teacher Education Support	1	59,860
KAMEHAMEHA SCHOOLS	Malia Chun	Chancellor, Kauai Community College	Na Pua No'eau's Ma Uka A I Kai Manokalanipo	1	27,000
KAMEHAMEHA SCHOOLS	William K Castillo	Continuing Education and Workforce Dev	Mechatronics/Industrial Technology Workforce Development Credentialing Program	1	75,000
Ke Kula 'o Nawahiokalani'opu'u Iki Public Charter School	Keiki Kawaiaea	Ka Haka'Ula O Ke'Elikolani-UHH	Nawahi CBM Assessment	1	135,424

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
PACIFIC RADIATION ONCOLOGY INC	Kenric M Murayama	Department of Surgery	Reimbursement Agreement No. SF23-PRO-SURG	1	8,679

#### **Hawaii- Dept of Education**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-HI	Christina Keaulana	Education (Leeward CC)	Provide an Advanced Professional Certification in Special Education Programs for the Hawaii State Department of Education	1	232,560
EDUCATION, DEPT-HI	Maria Bautista	Health Academic Program	Provide a Community Health Worker Program for Waipahu High School	1	54,450
EDUCATION, DEPT-HI	Maria Bautista	Health Academic Program	Provide a Pharmacy Technician Program at Castle High School	1	33,360

#### **Hawaii- Government Agencies**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Thao Le	Family and Consumer Sciences	Farm and Ranch Stress Assistance Network (FRSAN) - Hawaii State Plan to NIFA, FY 2021	1	23,010
CITY & COUNTY HONOLULU DEPT OF PARKS & REC	Darren Okimoto	Sea Grant College Program	Hanauma Bay Education Program 2019-2023	1	192,093
DEFENSE, DEPT-HI	Sarah L Rice	Department of Public Safety	UH Alert Emergency Notification System	1	130,000
DEFENSE, DEPT-HI-Hawaii Emergency Mgmt Agency	Dennis Hwang	Sea Grant College Program	Developing Tsunami Education Plans Using the Homeowner's Handbook to Prepare for Natural Hazards	1	39,296
DEFENSE, DEPT-HI-Hawaii Emergency Mgmt Agency	Kwok Fai Cheung	Department of Ocean and Resources Engineering	Modeling and Mapping of Destructive Tsunamis at Hawaii's Harbors: Kahului and Kaunakakai	1	149,455
DEFENSE, DEPT-HI-Hawaii Emergency Mgmt Agency	Yoshiki Yamazaki	Department of Ocean and Resources Engineering	Local Tsunamis Impact Assessment for Probable Maximum Earthquakes Inferred from USGS Hawaii Seismic Hazard Model	1	32,974
HEALTH, DEPT-HI	Akihiko Masuda	Psychology (UH Manoa)	Training Services in Psychological Assessments	1	154,800

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH, DEPT-HI	Maria Bautista	Health Academic Program	Training Community Health Workers for COVID Response and Resilience (CDC 2109)	1	469,403
HEALTH, DEPT-HI	Shelley Soong	Department of Native Hawaiian Health	Community Health Worker (CHW) Training Project (CDC 2109)	1	236,400
HEALTH, DEPT-HI - ALCOHOL & DRUG ABUSE DIV	Katherine Yvonne Mary Burke	Department of Social Work	Native Hawaiian Cultural Anchoring Trainings for the Hawaii Opioid Initiative ("HOI")	1	112,500
HEALTH, DEPT-HI - ALCOHOL & DRUG ABUSE DIV	Kinohi Gomes	Native Hawaii Student Services	Cultural Anchored Primary Prevention	1	71,000
HEALTH, DEPT-HI - EXEC OFF AGING	Christy-Ann M Nishita	Center on Aging	BOLD Evaluation Contract	1	101,468
HEALTH, DEPT-HI - MATERNAL AND CHILD HEALTH BRANCH	Jennifer Pagala Barnett	Women's Center	Sexual Violence Prevention Task Forces	1	47,500
HEALTH, DEPT-HI - OFFICE OF LANGUAGE ACCESS	Dina Yoshimi	Department of East Asian Languages and Literature	Increasing Interpreter and Translator Capacity	1	7,026
HEALTH, DEPT-HI - OFFICE OF LANGUAGE ACCESS	Dina Yoshimi	Department of East Asian Languages and Literature	Multilingual Career Development Outreach Workshops and Career Development Day	1	18,205
HUMAN SERVICES, DEPT-Division of Vocational Rehabilitation	Lee Buenconsejo-Lum	Academic Affairs (ADAA)	Automated Case Management System	1	632,083
HUMAN SERVICES, DEPT-Division of Vocational Rehabilitation	Lee Buenconsejo-Lum	Academic Affairs (ADAA)	Consumer Satisfaction Survey and Technical Assistance and Data Analysis and Reports	1	316,105
HUMAN SERVICES, DEPT-HI-Med-QUEST Div	Norman Hisao Okamura	Social Science Research Institute	MedQuest Enterprise Data Governance and Integrated Data and Analytics Platform	1	4,123,020
LAND & NATURAL RES, DPT (DLNR)-Commission on Water Resource Management	Dana Sproat	William S. Richardson School of Law	Commission on Water Resource Management Legal Fellow	1	99,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	DAR Coral Program Grants and Contracts Support (S-22-Yr2)	1	54,000
LAND & NATURAL RES, DPT-BOATING & OCEAN REC (DLNR)	Michael Hamnett	Social Science Research Institute	YARDI-DOBOR Research Support Year 3	1	149,645

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Hawaii Invertebrate Program: Support for Invertebrate Captive Propagation	1	153,144
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Olinda Rare Plant Propagation Facility FY2023-24	1	29,377
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Project Support for the Snail Extinction Prevention Program	1	425,247
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Volcano Rare Plant Propagation Facility FY2023-24	1	52,854
LAND & NATURAL RES, DPT-FORST (DLNR)	Michael Hamnett	Social Science Research Institute	FY23 DOFAW GIS Data Management Expansion and NEPM Planning Support	1	161,568
LAND & NATURAL RESOURCES, DEPT (DLNR) ENGINEERING DIV	Michael Hamnett	Social Science Research Institute	Geothermal Legal Research and Planning Services Support, Statewide, Hawaii	1	50,000
LAND & NATURAL RESOURCES, DEPT (DLNR) OFC CONS COAST LDS	Susan Crow	Natural Resources and Environmental Mgt (NREM)	To Provide Services to Determine Current Soil Health Status of Former Plantation Lands in Hawaii	1	10,000
TRANSPORTATION, DEPT-HI	Karl Eujung Kim	Urban and Regional Planning	State of Hawaii 2023 Vehicle Occupancy Safety Studies	1	105,801

### **Hawaii- Health Organizations**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
KAPIOLANI MEDICAL SPECIALIST	Randal K Wada	Nancy Atmospera-Walch School of Nursing	Faculty Services Agreement	1	198,694
QUEEN'S MEDICAL CENTER	Kenric M Murayama	Department of Surgery	Reimbursement Agreement No. SF23-QMC-SURG	1	139,610
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Jerris Hedges	John A. Burns School of Medicine	Reimbursement Agreement No. SF22-UCERA-OD	1	583,510
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Kenric M Murayama	Department of Surgery	Reimbursement Agreement No. SF23-UCERA-SURG	1	35,762
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Nancy Foster	John A. Burns School of Medicine	Reimbursement Agreement No. SF23-UCERA-HPHMG-PT	1	2,056,069

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Nancy Foster	John A. Burns School of Medicine	Reimbursement Agreement No. SF23-UCERA-OD-AEF-HPH	1	651,956
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Nancy Foster	John A. Burns School of Medicine	Reimbursement Agreement No. SF23-UCERA-OD-AEF-QMC	1	456,305
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Nancy Foster	John A. Burns School of Medicine	Reimbursement Agreement No. SF23-UCERA-QUMG-PT	1	3,491,490

### **Hawaii- Non-Profit Organizations**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CONSUELO ZOBEL ALGER FOUNDATION	Mehana Bailey Blaich Vaughan	Natural Resources and Environmental Mgt (NREM)	2023-24 'ĀINAVIS Collaboration with NREM	1	35,000
Hawaii Cancer Consortium	Clifford Cary Martin	University of Hawaii Cancer Center	HCC - UHCC General Operating Expenses Agreement	1	1,644,230
Hawaii Conservation Alliance Foundation	Robert Irwin	Hale Kuamo'o Center	2022 Hawai'i Conservation Conference - Hawaiian Language Curriculum Development	1	6,000
I Ola Lahui	Robin Arndt	Thompson School of Social Work & Public Health	Hawaii InterProfessional Program for Parity - Behavioral Health	1	102,098
UNIVERSITY HAWAII FOUNDATION	Andrew Nichols	Health & Wellness to University Health Services	Manoa Alcohol Project	1	9,500
UNIVERSITY HAWAII FOUNDATION	Ardis Eschenberg	Chancellor, Windward Community College	Hi'ilei Early College Education Initiative	2	308,143
UNIVERSITY HAWAII FOUNDATION	Brian Popp	Earth Sciences	HML Fellow Oceanography AY20-22	1	2,552
UNIVERSITY HAWAII FOUNDATION	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	College of Agriculture Enrichment	1	5,000
UNIVERSITY HAWAII FOUNDATION	Calvin Shirai	Chancellor, Kauai Community College	KauaiCC COGS Fund	1	143,000
UNIVERSITY HAWAII FOUNDATION	Della A Teraoka	Office of the Vice President for Community Colleges	JFF - Student Success Center	1	303



Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Eleanor J Sterling	Hawaii Institute of Marine Biology (HIMB)	Coconut Island Strategic Plan	1	19,844
UNIVERSITY HAWAII FOUNDATION	Garrett Apuzen-Ito	Earth Sciences	The Fred M Bullard Graduate Fellowship	1	54,032
UNIVERSITY HAWAII FOUNDATION	Janel Yamamoto	Cooperative Extension	GoFarm Hawaii	1	100,000
UNIVERSITY HAWAII FOUNDATION	Jill Omori	Academic Affairs (ADAA)	Learning Communities	1	238,415
UNIVERSITY HAWAII FOUNDATION	Kamanamaikalani Beamer	Kamakakuokalani Center for Hawaiian Studies	Dana Naone Hall Chair FY22	1	51,044
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Chancellor, Honolulu Community College	Johnson Controls Community College Partnership Program	1	24,500
UNIVERSITY HAWAII FOUNDATION	Kiriko Takahashi	Center on Disability Studies/University Affiliated Pgms	Oak Foundation - CDS Learning Difference in Higher Education	1	194,607
UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Music Department Service	1	10,000
UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	1	30,000
UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Roger Long Gamelan Music Fund	1	4,500
UNIVERSITY HAWAII FOUNDATION	Laurence Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	1	20
UNIVERSITY HAWAII FOUNDATION	Lorna H Tsutsumi	College of Agriculture, Forestry and Natural Resource Mgt	UHH CAFNRM Faculty Fund	1	5,000
UNIVERSITY HAWAII FOUNDATION	Mehana Bailey Blaich Vaughan	Natural Resources and Environmental Mgt (NREM)	Hau`oli Mau Loa Graduate Assistantships NREM, AY21-23	1	78,852
UNIVERSITY HAWAII FOUNDATION	Monika Anna Ward	Department of Anatomy, Biochemistry, and Physiology	Kosasa Graduate Student Assistantship	1	50,000

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Neal Palafox	Department of Family Medicine and Community Health	UHF Support- Ling Endowed Professorship (Cancer Research): Marshallese in Oceanview Engagement (MOVE) in Cancer Control	1	20,000
UNIVERSITY HAWAII FOUNDATION	Patrick Hart	Biology (UH Hilo)	Mosquito Research Lab Fund	1	15,000
UNIVERSITY HAWAII FOUNDATION	Ralph Shohet	Department of Medicine	Center for Cardiovascular Research Personnel	1	120,000
UNIVERSITY HAWAII FOUNDATION	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	Denise B Evans Fellowship Fund in Oceanographic Research	1	12,512
UNIVERSITY HAWAII FOUNDATION	Rosanna A Alegado	Department of Oceanography	HML Fellows - Oceanography AY22-24	1	38,084
UNIVERSITY HAWAII FOUNDATION	Rosanna A Alegado	Department of Oceanography	HML Oceanography Fellow AY21-24	1	38,208
UNIVERSITY HAWAII FOUNDATION	Song Choi	College of Engineering	Hi Chang Chai Excellence in Teaching Award	1	3,000
UNIVERSITY HAWAII FOUNDATION	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	Castle Windward 6-16 Soar Higher	1	75,000
UNIVERSITY HAWAII FOUNDATION	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	ECMC - Online Early College	2	75,000
UNIVERSITY HAWAII FOUNDATION	Theresa Fong Lock	Institute for Teacher Education	Hawaii Early Childhood Educator Excellence and Equity (ECE3) 1	1	32,750
UNIVERSITY HAWAII FOUNDATION	Theresa Fong Lock	Institute for Teacher Education	Hawaii Early Childhood Educator Excellence and Equity (ECE3) 2	1	33,250

#### Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Essential Access Health	Kathleen Hagan	Chancellor, UH Maui College	Provision of Family Planning and Related Preventive Health Services to Eligible Clients in the State of Hawaii	1	43,000

#### Mainland- Health Organizations

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN HEART ASSOCIATION	Ralph Shohet	Department of Medicine	Regulation of Metabolism by PKM2 in the Mouse Heart	1	65,106

#### **Mainland- Non-Profit Organizations**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN ASSN OF COMM COLLEGES	Carrie Joy Butler	Academic Affairs (Hawaii CC)	Cyber-Skills for All: Community Colleges Lead the Way	1	20,000
Alliance for Sustainable Energy, LLC	Mark B Glick	Hawaii Natural Energy Institute (HNEI)	ETIPP Island and Remote Community Stakeholder Engagement Regional Project Partners	1	105,000
American Assn of University Women	Denise Pierson	Office for Institutional Effectiveness	AAUW Service-Learning Intern	1	1,500
Concord Consortium, Inc.	Noelani Puniwai	Kamakakuokalani Center for Hawaiian Studies	Precipitating Change in Alaskan and Hawaiian Schools: Modeling Mitigation of Coastal Erosion	1	94,293
Human Services Research Institute	Kiriko Takahashi	Center on Disability Studies/University Affiliated Pgms	Evaluation Subcontract to HSRI for HI DOH	1	75,000
INSTITUTE INTERNATIONAL EDUCATION	Naiyi Xie Fincham	College of Arts, Languages, and Letters	Teacher Training Workshop	1	195,982
Mathematical Association of America	Monique Chyba	Department of Mathematics	808 Math Island Style: Computational Modeling and Simulation of Epidemic Infectious Diseases	1	9,000
NATIONAL FISH & WILDLIFE FOUNDATION	Kelley Lynn Anderson Tagarino	Sea Grant College Program	Creating a Living Shoreline Along Lions Park to Enhance the Critical Estuarine Habitat (AS)	1	10,548
NATIONAL FISH & WILDLIFE FOUNDATION	Maya Walton	Sea Grant College Program	Formulating a Resiliency Strategy to Address Climate Impacts at Lalo (HI)	1	45,000
STEM Next Opportunity Fund	Maria Paula Unamuno de Adams	Curriculum Research and Development Group	Million Girls Moonshot: Capacity Builder and Enhancing Capacity Grant	1	40,000
World Learning Inc.	Kelli Yoshie Nakamura	Chancellor, Kapiolani Community College	Militourism and Indigenous Identities in Hawaii and Okinawa	1	33,307

#### **National Aeronautics and Space Administration**

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

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	2,600,000
NATIONAL AERONAUT & SPACE ADM	Leslie Kimura	Imiloa Astronomy Center of Hawaii	Imiloa Astronomy Center Expansion and Upgrades	1	1,000,000
NATIONAL AERONAUT & SPACE ADM	Luke P Flynn	Hawaii Institute of Geophysics and Planetology (HIGP)	The Hawaii Space Grant Consortium 2020-2024	1	535,000

#### National Science Foundation

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Michael W Krieg	Department of Ocean and Resources Engineering	MRI: Development of an Innovative Underwater Robot Testing Facility for the Kilo Nalu Natural Coastal Marine Observatory	1	346,007
NATIONAL SCIENCE FOUNDATION	Orlo Steele	Math and Natural Sciences (Hawaii CC)	Geospatial Remote Sensing Hawaii	1	643,865
NATIONAL SCIENCE FOUNDATION	Paul Kemp	Department of Oceanography	Eco-DAS 3.0: Ecological Dissertations in the Aquatic Sciences: Honolulu, HI - October 2020, 2022, 2024	2	231,341
NATIONAL SCIENCE FOUNDATION	Sean B Cleveland	Office of the Vice President for Information Technology	CC* Data Storage: KoaStore: A High Performance and Flexible Research Storage Resource	1	500,000

#### US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ARIZONA STATE UNIVERSITY	Vassilis Syrmos	Office of the Vice President for Research and Innovation	NSF I-Corps Hub (Track 1): Desert and Pacific Region	1	176,335
CALIFORNIA LOS ANGELES, UNIV	Monica Esquivel	Human Nutrition, Food and Animal Sciences	Partners in Excellence for Leadership in MCH Nutrition	1	26,221
CALIFORNIA SAN FRANCISCO, UNIV	Cyril Goshima	Department of Family Medicine and Community Health	Pacific AIDS Education and Training Center (PAETC)	1	181,338
MARYLAND, UNIVERSITY OF	Karen Pellegrin	Research	Engaging Older Adults and Caregivers in Medication Optimization Research	1	24,978
MONTANA STATE UNIVERSITY	Jensen Uyeda	Oahu County	Western SARE State Plan for Hawaii	1	17,250

### Gift, Grants, and Contracts for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
TEXAS A&M UNIVERSITY	Holly B Fontenot	Nancy Atmospera-Walch School of Nursing	Comprehensive Healthcare for Adolescents Initiative (CHAI)	1	275,295
University of North Texas Health Sciences Center at Fort Worth	Alexander Stokes	Department of Cell and Molecular Biology	Health Equity AI/ML Research and Training (HEART)	1	134,999
University of South Alabama	Rachel L Burrage	Department of Social Work	Fostering the Integration of Spiritual Competency Training into Mental Health Graduate Education	1	40,000
WASHINGTON, UNIVERSITY OF	Melissa Iwamoto	Cooperative Institute for Marine and Atmospheric Research	NSF Convergence Accelerator Track E: Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms	1	709,242
WASHINGTON, UNIVERSITY OF	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	Northern/Pacific Universities Global Health Research Training Consortium	1	19,430
<b>Non-Research - Total</b>				<b>203</b>	<b>78,791,263</b>
<b>Overall - Total</b>				<b>397</b>	<b>125,808,880</b>

## Funds Received from UH Foundation for Oct 1, 2022 to Dec 31, 2022

### Research

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Clementina Devera Ceria-Ulep	Nancy Atmospera-Walch School of Nursing	The Matsuda Chair	1	122,406
UNIVERSITY HAWAII FOUNDATION	Elizabeth Brook Chapman de Sousa	Institute for Teacher Education	2022-2023 Hubert Everly Endowed Scholar for Chapman	1	13,500
UNIVERSITY HAWAII FOUNDATION	Fernando Martinez	Hawaii Institute of Geophysics and Planetology (HIGP)	Seafloor Hydrothermal Research	1	18,374
UNIVERSITY HAWAII FOUNDATION	Karen Jolly	History (UH Manoa)	Bentley Distinguished Professorship	1	13,000
UNIVERSITY HAWAII FOUNDATION	Lars Bejder	Hawaii Institute of Marine Biology (HIMB)	Marine Mammal Enrichment Fund	1	40,000
UNIVERSITY HAWAII FOUNDATION	Masayoshi Yamaguchi	Natural Products (Cancer Biology)	DHMB Account	1	27,338
UNIVERSITY HAWAII FOUNDATION	Scott Kuwada	Department of Medicine	Respiratory Health	1	78,275
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	Jerry H. Bentley Faculty Award	1	2,100
UNIVERSITY HAWAII FOUNDATION	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	Alicata TMMMP Graduate Program	1	15,000
Research - Total				9	329,993

### Non-Research

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Andrew Nichols	Health & Wellness to University Health Services	Manoa Alcohol Project	1	9,500
UNIVERSITY HAWAII FOUNDATION	Ardis Eschenberg	Chancellor, Windward Community College	Hi'ilei Early College Education Initiative	2	308,143
UNIVERSITY HAWAII FOUNDATION	Brian Popp	Earth Sciences	HML Fellow Oceanography AY20-22	1	2,552

### Funds Received from UH Foundation for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	College of Agriculture Enrichment	1	5,000
UNIVERSITY HAWAII FOUNDATION	Calvin Shirai	Chancellor, Kauai Community College	KauaiCC COGS Fund	1	143,000
UNIVERSITY HAWAII FOUNDATION	Della A Teraoka	Office of the Vice President for Community Colleges	JFF - Student Success Center	1	303
UNIVERSITY HAWAII FOUNDATION	Eleanor J Sterling	Hawaii Institute of Marine Biology (HIMB)	Coconut Island Strategic Plan	1	19,844
UNIVERSITY HAWAII FOUNDATION	Garrett Apuzen-Ito	Earth Sciences	The Fred M Bullard Graduate Fellowship	1	54,032
UNIVERSITY HAWAII FOUNDATION	Janel Yamamoto	Cooperative Extension	GoFarm Hawaii	1	100,000
UNIVERSITY HAWAII FOUNDATION	Jill Omori	Academic Affairs (ADAA)	Learning Communities	1	238,415
UNIVERSITY HAWAII FOUNDATION	Kamanamaikalani Beamer	Kamakakuokalani Center for Hawaiian Studies	Dana Naone Hall Chair FY22	1	51,044
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Chancellor, Honolulu Community College	Johnson Controls Community College Partnership Program	1	24,500
UNIVERSITY HAWAII FOUNDATION	Kiriko Takahashi	Center on Disability Studies/University Affiliated Pgms	Oak Foundation - CDS Learning Difference in Higher Education	1	194,607
UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Music Department Service	1	10,000
UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	1	30,000
UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Roger Long Gamelan Music Fund	1	4,500
UNIVERSITY HAWAII FOUNDATION	Laurence Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	1	20
UNIVERSITY HAWAII FOUNDATION	Lorna H Tsutsumi	College of Agriculture, Forestry and Natural Resource Mgt	UHH CAFNRM Faculty Fund	1	5,000

### Funds Received from UH Foundation for Oct 1, 2022 to Dec 31, 2022

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Mehana Bailey Blaich Vaughan	Natural Resources and Environmental Mgt (NREM)	Hau`oli Mau Loa Graduate Assistantships NREM, AY21-23	1	78,852
UNIVERSITY HAWAII FOUNDATION	Monika Anna Ward	Department of Anatomy, Biochemistry, and Physiology	Kosasa Graduate Student Assistantship	1	50,000
UNIVERSITY HAWAII FOUNDATION	Neal Palafox	Department of Family Medicine and Community Health	UHF Support- Ling Endowed Professorship (Cancer Research): Marshallese in Oceanview Engagement (MOVE) in Cancer Control	1	20,000
UNIVERSITY HAWAII FOUNDATION	Patrick Hart	Biology (UH Hilo)	Mosquito Research Lab Fund	1	15,000
UNIVERSITY HAWAII FOUNDATION	Ralph Shoet	Department of Medicine	Center for Cardiovascular Research Personnel	1	120,000
UNIVERSITY HAWAII FOUNDATION	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	Denise B Evans Fellowship Fund in Oceanographic Research	1	12,512
UNIVERSITY HAWAII FOUNDATION	Rosanna A Alegado	Department of Oceanography	HML Fellows - Oceanography AY22-24	1	38,084
UNIVERSITY HAWAII FOUNDATION	Rosanna A Alegado	Department of Oceanography	HML Oceanography Fellow AY21-24	1	38,208
UNIVERSITY HAWAII FOUNDATION	Song Choi	College of Engineering	Hi Chang Chai Excellence in Teaching Award	1	3,000
UNIVERSITY HAWAII FOUNDATION	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	Castle Windward 6-16 Soar Higher	1	75,000
UNIVERSITY HAWAII FOUNDATION	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	ECMC - Online Early College	2	75,000
UNIVERSITY HAWAII FOUNDATION	Theresa Fong Lock	Institute for Teacher Education	Hawaii Early Childhood Educator Excellence and Equity (ECE3) 1	1	32,750
UNIVERSITY HAWAII FOUNDATION	Theresa Fong Lock	Institute for Teacher Education	Hawaii Early Childhood Educator Excellence and Equity (ECE3) 2	1	33,250
<b>Non-Research - Total</b>				<b>33</b>	<b>1,792,116</b>
<b>Overall - Total</b>				<b>42</b>	<b>2,122,109</b>



**Extramural Research Awards for the Period  
Oct 1, 2022 to Dec 31, 2022  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DOD-Department of Defense	10	5,538,930	12%
Mainland- Business and Other	16	1,436,297	3%
Hawaii- Non-Profit Organizations	13	507,019	1%
ED-Dept of Education	2	709,721	2%
National Science Foundation	5	2,617,470	6%
DA-Dept of Agriculture	4	556,031	1%
DHHS-Dept of Health and Human Services	15	12,329,709	26%
Mainland- Non-Profit Organizations	11	2,026,690	4%
Hawaii- Government Agencies	21	3,685,272	8%
Mainland- Health Organizations	2	43,160	0%
DOE-Dept of Energy	2	449,996	1%
Foreign	4	234,220	0%
US Colleges and Universities	51	6,974,052	15%
DOI-Dept of Interior	13	4,729,816	10%
DOC-Dept of Commerce	1	128,058	0%
Hawaii- Business and Other	3	326,109	1%
National Aeronautics and Space Administration	21	4,725,067	10%
<b>Overall - Total</b>	<b>194</b>	<b>47,017,617</b>	<b>100%</b>

**Extramural Non-Research Awards for the Period  
Oct 1, 2022 to Dec 31, 2022  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DOI-Dept of Interior	6	307,103	0%
DHHS-Dept of Health and Human Services	12	7,295,932	9%
Hawaii- Dept of Education	3	320,370	0%
National Science Foundation	5	1,721,213	2%
Hawaii- Business and Other	15	1,808,291	2%
Hawaii- Health Organizations	8	7,613,396	10%
National Aeronautics and Space Administration	3	4,135,000	5%
US Colleges and Universities	10	1,605,088	2%
Mainland- Health Organizations	1	65,106	0%
DOD-Department of Defense	4	8,622,802	11%
Hawaii- Non-Profit Organizations	37	3,579,444	5%
DOC-Dept of Commerce	3	1,777,791	2%
Federal Agencies	9	2,203,937	3%
Hawaii- Government Agencies	29	8,146,974	10%
DA-Dept of Agriculture	5	1,472,382	2%
Foreign	2	44,326	0%
Mainland- Business and Other	1	43,000	0%
Mainland- Non-Profit Organizations	11	629,630	1%
ED-Dept of Education	39	27,399,478	35%
<b>Overall - Total</b>	<b>203</b>	<b>78,791,263</b>	<b>100%</b>

**Year to Date Extramural Research Awards**  
**Jul 1, 2022 to Dec 31, 2022**  
**Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
Hawaii- Business and Other	10	1,715,684	1%
DOI-Dept of Interior	36	8,714,148	6%
Hawaii- Non-Profit Organizations	41	5,874,971	4%
Mainland- Non-Profit Organizations	17	3,075,829	2%
ED-Dept of Education	3	1,659,732	1%
National Science Foundation	40	14,509,634	10%
Foreign	10	1,155,574	1%
Mainland- Business and Other	32	2,855,331	2%
DOC-Dept of Commerce	44	12,345,572	9%
National Aeronautics and Space Administration	33	7,550,127	5%
DOE-Dept of Energy	4	823,544	1%
DOD-Department of Defense	36	29,504,503	21%
Mainland- Health Organizations	5	327,567	0%
DHHS-Dept of Health and Human Services	37	25,191,452	18%
Hawaii- Government Agencies	49	12,039,922	8%
Hawaii- Health Organizations	1	75,178	0%
Dept of State	1	750,000	1%
DA-Dept of Agriculture	25	4,391,710	3%
US Colleges and Universities	76	9,400,823	7%
<b>Overall - Total</b>	<b>500</b>	<b>141,961,301</b>	<b>100%</b>

**Year to Date Extramural Non-Research Awards**  
**Jul 1, 2022 to Dec 31, 2022**  
**Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DOD-Department of Defense	7	14,361,331	8%
DA-Dept of Agriculture	12	2,193,533	1%
Mainland- Health Organizations	3	128,146	0%
DOC-Dept of Commerce	18	23,746,205	13%
Hawaii- Health Organizations	20	10,789,263	6%
Mainland- Non-Profit Organizations	17	1,753,667	1%
Foreign	6	665,890	0%
Hawaii- Non-Profit Organizations	96	7,230,798	4%
DHHS-Dept of Health and Human Services	27	13,127,173	7%
Hawaii- Government Agencies	75	14,198,490	8%
Hawaii- Dept of Education	9	1,005,350	1%
DOI-Dept of Interior	10	585,888	0%
Mainland- Business and Other	7	555,245	0%
Hawaii- Business and Other	24	3,634,266	2%
National Aeronautics and Space Administration	5	6,235,431	3%
Federal Agencies	20	10,055,089	6%
ED-Dept of Education	104	61,489,636	34%
US Colleges and Universities	16	1,765,047	1%
National Science Foundation	14	7,085,542	4%
<b>Overall - Total</b>	<b>490</b>	<b>180,605,990</b>	<b>100%</b>