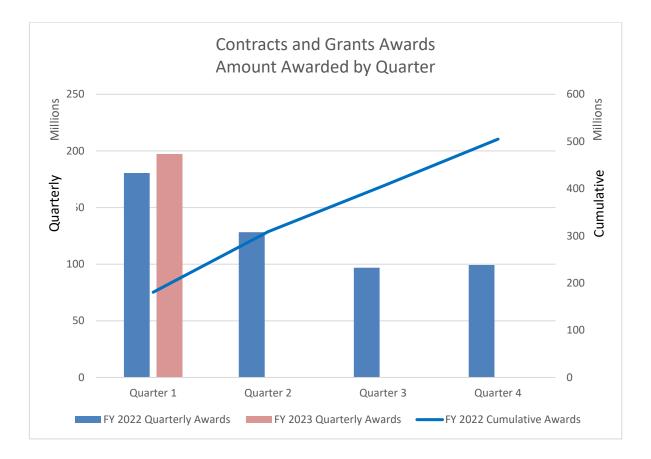
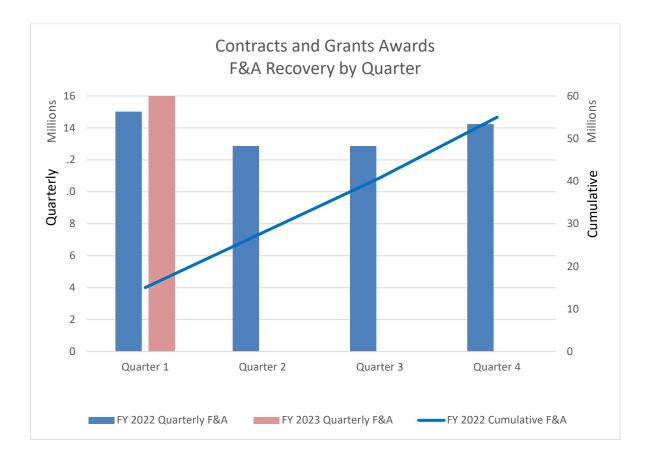
### Contracts and Grants Awards As of Quarter One – FY 2023



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



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



# Extramural Sponsor Awards Quarterly Summary

	Jul 1 - S	Sep 30 2022	Jul 1 - 🤅	Jul 1 - Sep 30 2021		
<u>Program Type</u>	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>		
Research	306	\$ 96,466,291	299	\$ 86,210,548		
Non-Research	287	\$102,220,045	289	\$ 94,960,952		
<u>Total</u>	<u>593</u>	<u>\$198.686.336</u>	<u>592</u>	<u>\$181.171.500</u>		

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: \$180,612,618 The unofficial FY 2023 year-to-date total is: 593 awards totaling \$197,160,447.

#### 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	Controlling the Spread of Invasive Species Established in Hawaii	1	99,999
AGRICULTURE, DEPT, FOREST SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt (NREM)	Research, Translation and Extension to Support Climate Change Mitigation and Adaption in Hawai'i and the US Affiliated Pacific Islands	1	195,000
AGRICULTURE, DEPT, FOREST SVC-FED	Darren Lerner	Sea Grant College Program	Synthesis, Translation and Extension of Drought Knowledge to Support the Pacific Drought Knowledge Exchange	1	116,421
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	Demonstrating Bioeconomy Technologies for the Tropics	1	140,915
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt (NREM)	USDA Southwest Climate Hub Advancing Climate Informed Decision Making in Hawaii and USAPI	1	195,000
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Daniel Rubinoff	Plant and Environmental Protection Sciences	22-8130-0984 Molecular Diagnostics for the Mango Fruit Fly Complex Year 2	1	154,198
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Daniel Rubinoff	Plant and Environmental Protection Sciences	Develop Molecular Diagnostic Tools to Determine Strain and Mating Status of Fruit Fly Incursions	1	120,880
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Jinzeng Yang	Human Nutrition, Food and Animal Sciences	Postharvest Treatments and Functional Nutrients Studies of Hawaii Tropical Commodities	1	140,914
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Joanna Bess Bloese	Hawaii County	Identification of Giant African Snail Odors to Aid Detector Dog Training	1	97,118
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Kevin Hopkins	College of Agriculture, Forestry and Natural Resource Mgt	Economic Impact of Manipulating Coffee Flowering	1	126,515
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Walter Truman Bowen	College of Tropical Agriculture and Human Resources	Advanced Technologies for Tropical Invasive Pest Management in Hawaii	1	134,452
AGRICULTURE, DEPT-FOREIGN AGRICULTURAL SERVICE	Samir Khanal	Molecular Biosciences and Bioengineering	SCRP22 Vietnam CS Aquaculture @UH	1	49,969

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-NATL INST FOOD AND AGRICULTURE	Cheng S Lee	Human Nutrition, Food and Animal Sciences	Regional Aquaculture Center - Center for Tropical and Subtropical Aquaculture	1	949,556
Agriculture, Dept - Animal and Plant Health Inspection Service	Daniel Rubinoff	Plant and Environmental Protection Sciences	ID of OFF Larvae and Trap-Captures (Year 2)	1	242,205
Agriculture, Dept - Animal and Plant Health Inspection Service	Daniel Rubinoff	Plant and Environmental Protection Sciences	Integrative Identification Methods for B	1	210,046
Agriculture, Dept - Animal and Plant Health Inspection Service	Ikkei Shikano	Plant and Environmental Protection Sciences	Determine the Prevalence of Spinosad Res	1	165,041
Agriculture, Dept - Animal and Plant Health Inspection Service	Ikkei Shikano	Plant and Environmental Protection Sciences	PPA7721 6.0346.1 Auto-dissemination of a	1	138,694
Agriculture, Dept - Animal and Plant Health Inspection Service	Jia-Wei Tay	Plant and Environmental Protection Sciences	Application of Bactrocera Dorsalis Ovipo	1	152,262
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	HI FY22 CHRP HLB Lab & Survey	1	37,202
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	HI FY22 PPA 6R.0219.01 CRB Canine Detect	1	378,408
Agriculture, Dept - Animal and Plant Health Inspection Service	Sharon Aiko Motomura Wages	Hawaii County	FY22 NCPN Univ of Hawaii/Motomura- Wages	1	40,000

### 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	Axel T Lehrer	Department of Tropical Medicine, Medical Micro and Pharm	Epidemiology and Immunity to Ebola Virus and Other Emerging Viral Infections in Liberia	1	200,000
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL CANCER INST	Lang Wu	Cancer Etiology (Epidemiology)	Uncovering Causal Protein Markers to Improve Prostate Cancer Etiology Understanding and Risk Prediction in Africans and Europeans	1	770,796
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 (Alzheimer's Supplement)	1	395,275
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL CANCER INST	Loic Le Marchand	University of Hawaii Cancer Center	University of Hawaii Cancer Center CCSG	1	2,156,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL CANCER INST	Loic Le Marchand	University of Hawaii Cancer Center	University of Hawaii Cancer Center CCSG (CHE supplement)	1	114,999
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL CANCER INST	Xin Chen	Natural Products (Cancer Biology)	Signaling Pathways During Hepatocarcinogenesis	1	350,460
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL CANCER INST	Youping Deng	Department of Quantitative Health Sciences	Circulating Lipid and miRNA Markers for Early Detection of Breast Cancer Among Women with Abnormal Mammograms	1	563,315
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL HEART LUNG & BLD INST	Michelle Diane Seidel	Department of Medicine	The Role of Lung Lipofibroblasts in Alveolar Differentiation	1	23,325
HEALTH & HUMAN SVC, DEPT- NIH-FED NTL INST ALLERGY/INF DIS	Peter Hoffmann	Department of Cell and Molecular Biology	The Role of Selenoprotein I in Phospholipidethanolamine Dependent Mechanisms That Regulate T Cell Activation (Diversity Supplement)	1	45,829
HEALTH & HUMAN SVC, DEPT- NIH-FED NTL INST ALLERGY/INF DIS	Peter Hoffmann	Department of Cell and Molecular Biology	The Role of Selenoprotein I in Phospholipidethanolamine Dependent Mechanisms that Regulate T Cell Activation	1	388,500
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	156,458
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	48,111
HEALTH & HUMAN SVC, DEPT- NIH-FED NTL INST DRUG ABUSE	John A Shepherd	Cancer Etiology (Epidemiology)	DXA Body Composition and Bone Mineral Density Review and Analyses for the Healthy Aging in Neighborhoods of Diversity Across the Life Span (HANDLS)	1	153,465
HEALTH & HUMAN SVC, DEPT- NIH-FED NTL INST DRUG ABUSE	Scott Okamoto	Social and Behavioral Sciences (Prevention in the Pacific)	The Development and Evaluation of a Culturally Grounded ENDS Intervention for Rural Hawaiian Youth	1	513,241
HEALTH & HUMAN SVC, DEPT- NIH-FED NTL INST GEN MED SCI	Anthony Amend	Pacific Biosciences Research Center	Integrative Center for Environmental Microbiomes and Human Health	1	1,984,324
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

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT- NIH-FED NTL INST GEN MED SCI	Kelley Withy	Academic Affairs (ADAA)	Consortium for Increasing Research and Collaborative Learning Experiences (CIRCLE)	1	27,001
HEALTH & HUMAN SVC, DEPT- NIH-FED NTL INST GEN MED SCI	William Ward	Department of Anatomy, Biochemistry, and Physiology	IBR-COBRE Phase III	1	1,082,636
HEALTH & HUMAN SVC,DEPT- NIH-FED NTL INST CHLD HLTH&HUM DEV	Bliss Kaneshiro	Department of Obstetrics, Gynecology and Women's Health	Contraceptive Development Program NICHD Contraceptive Clinical Trials Network Female Sites	1	18,429
HEALTH & HUMAN SVC,DEPT- NIH-FED NTL INST CHLD HLTH&HUM DEV	John A Shepherd	Cancer Etiology (Epidemiology)	Quantifying Body Shape in Pediatric Clinical Research (Shape Up! Keiki)	1	632,270
HEALTH&HUMAN SVC,DEPT-NIH- FED NTL INST BIOMED IMG& BIOENGRG	Bardia Konh	Mechanical Engineering	Smart Needle with Intelligent Robotic Control for Prostate Brachytherapy	1	178,674
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	58,635

# DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA- FED	Christopher L Sabine	Cooperative Institute for Marine and Atmospheric Research	National Ocean Acidification Observing Network - Oahu's Linked Kaneohe Bay Observing Sites	1	115,812
COMMERCE, DEPT-NATL NOAA- FED	Christopher L Sabine	Cooperative Institute for Marine and Atmospheric Research	National Ocean Acidification Observing Network - Oahu's Linked Kane'ohe Bay Observing Sites Build-out Supplement	1	30,000
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	80,919
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Cetacean Research in the Pacific Islands Region	1	471,484
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Cooperative Institute for Marine and Atmospheric Research (CIMAR) Task I Annual Base Support	2	472,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Distribution and Habitat for Marine Turtles on Guam	1	100,000
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Economics and Human Dimensions of Marine Ecosystems	1	303,435
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Ecosystem Structure and Function	1	686,744
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Ecosystems Observations and Research Project	1	25,000
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Electronic Monitoring and Bycatch Estimation in Fisheries	1	459,007
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Hawaiian Monk Seal PMNM Research Project	1	75,000
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Hawaiian Monk Seal Research and Recovery Project	1	116,500
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Life History and Population Assessment Research	2	459,258
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Marine Turtle Recovery in the Pacific Islands Region	1	75,000
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	National Coral Reef Monitoring Program-Pacific Project	1	1,203,110
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Pacific Islands Deep-Sea Coral and Sponge Initiative	1	120,000
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Papahanaumokuakea Marine National Monument Monitoring and Research	1	306,600

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Profiling CTD Float Array Implementation and Ocean Climate Research	1	351,743
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Science Operations in the Pacific Islands Region	2	572,313
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Sustaining Healthy Coastal Ecosystems Project	1	1,108,064
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Tsunami Research and Modeling	1	86,847
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Tsunami Research and Modeling - Unified Forecast System (UFS)	1	69,357
COMMERCE, DEPT-NATL NOAA- FED	Douglas Scott Luther	Cooperative Institute for Marine and Atmospheric Research	Utilization of Glider Observations for Environmental Prediction in Different Climate Regimes	1	22,000
COMMERCE, DEPT-NATL NOAA- FED	Erik Franklin	Cooperative Institute for Marine and Atmospheric Research	Open Source ADMB Project	1	215,917
COMMERCE, DEPT-NATL NOAA- FED	Giuseppe Torri	Department of Atmospheric Sciences	Understanding the Diurnal Rainfall Processes Over Tropical Islands to Improve Subseasonal to Seasonal Precipitation Forecasts	1	107,419
COMMERCE, DEPT-NATL NOAA- FED	James Potemra	Cooperative Institute for Marine and Atmospheric Research	Integration of Climate Indicators into ILR2030 Dashboards	1	455,733
COMMERCE, DEPT-NATL NOAA- FED	Julia Hummon	Cooperative Institute for Marine and Atmospheric Research	Improving Ocean Current Measurements for Research: Maximizing Contributions from the NOAA Fleet	1	246,637
COMMERCE, DEPT-NATL NOAA- FED	Kuulei Rodgers	Hawaii Institute of Marine Biology (HIMB)	Investigation of Bio-Enhancing Seawall Materials Combined with Engineered Coral Reef Approaches to Promote Coastal Protection and Restoration	1	200,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
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	175,079
COMMERCE, DEPT-NATL NOAA- FED	Niklas Schneider	International Pacific Research Center (IPRC)	Analysis of the Dynamical Links Between SST, Boundary Layer Convergence, Atmospheric Fronts, and Precipitation in the North Atlantic Storm Track	1	59,055
COMMERCE, DEPT-NATL NOAA- FED	Noelani Puniwai	Kamakakuokalani Center for Hawaiian Studies	Advancing Climate Adaptation and Coastal Community Resilience to Flooding in Hawaii	1	138,728
COMMERCE, DEPT-NATL NOAA- FED	Philip R Thompson	Cooperative Institute for Marine and Atmospheric Research	University of Hawaii Sea Level Center	1	1,601,388
COMMERCE, DEPT-NATL NOAA- FED SEA GRANT COLL PGM	Andre Seale	Sea Grant College Program	Resolving Impediments to Captive Longevity and Fecundity in Seriolids, America's Most Successful Offshore Marine Fish Species	1	317,094
COMMERCE, DEPT-NATL NOAA- FED SEA GRANT COLL PGM	Bradley Fox	Sea Grant College Program	Using a Genomic Approach to Improve Reproductive Performance of Pacific White Shrimp, Litopenaeus vannamei	1	124,642
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Carl Gustav Meyer	Hawaii Institute of Marine Biology (HIMB)	Mitigating Shark Depredation in Guam Fisheries	1	251,799
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Crawford R Drury	Hawaii Institute of Marine Biology (HIMB)	Enhancing Resilience in Existing Restoration Efforts Using Selectively Bred Corals	1	142,811
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Cynthia Hunter	School of Life Sciences	Support of Marine Option Program (2020-2025)	1	150,000
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Erik Franklin	Hawaii Institute of Marine Biology (HIMB)	Collaborative Fishing Community Assessment for Sustainable Management of the Coral Reef Fishery in the Commonwealth of the Northern Mariana Islands	1	269,329
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Kristi L West	Human Nutrition, Food and Animal Sciences	Stranding Response, Necropsy and Cause of Death Investigations for Pacific Island Cetaceans and the Development of a Diverse and Inclusive Internship Program	1	99,990

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	351,700

#### DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	Clifford Morden	Pacific Cooperative Studies Unit	Lualualei Protected Species Management	1	615,583
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	David Duffy	Pacific Cooperative Studies Unit	Field Biology Technical Assistance, Natural Resources Program, Joint Base Pearl Harbor-Hickam, Oahu	1	415,904
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	David Duffy	Pacific Cooperative Studies Unit	PMRF Endangered Species Management Support and Base Wide Predator Control	1	466,000
DEFENSE, DEPT-ADVANCED RSCH PRJ AGCY	Benjamin Jones	Applied Research Laboratory	Rapid Resilient Reefs for Coastal Defense (R3D)	1	176,610
DEFENSE, DEPT-AIR FORCE OFC OF SCI RSCH	Dusko Pavlovic	Information and Computer Sciences	Dark Matter in Cyber Space: Towards Categorical Semantics of Deceit	1	160,000
DEFENSE, DEPT-AIR FORCE OFC OF SCI RSCH	Joseph J Brown	Mechanical Engineering	Emergent Behavior of Interlocking Mechanical Metamaterials	1	207,254
DEFENSE, DEPT-AIR FORCE OFC OF SCI RSCH	Rui Sun	Department of Chemistry	A Combined Experimental and Theoretical Investigation on the Fundamental Reaction Mechanisms of Cyanoborohydride Hypergolic Ionic Liquids with Key Oxidizers	1	198,704
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	David Lassner	Applied Research Laboratory	VaCUUMS Task Order 0002: MHPCC Customer Research and Development (R&D)	1	494,000
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	David Lassner	Applied Research Laboratory	Vanguard Center's Unified UARC for Maui High Performance Computing Center Support (VaCUUMS)	3	8,436,947
DEFENSE, DEPT-NAVY NAVAL FAC ENGRG COMMAND	Patrick Stephen Cross	Applied Research Laboratory	U.S. Navy Wave Energy Test Site (WETS) Research and Maintenance Support (WETS-7)	1	3,637,609
DEFENSE, DEPT-NAVY Naval Information Warfare Center Pacific	Yao Zheng	Electrical Engineering	5G/B5G Intelligent Reflecting Surfaces for Assured Aircraft Mission Readiness	1	362,461

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Anupam Misra	Hawaii Institute of Geophysics and Planetology (HIGP)	Real Time Detection of Sea Mines and Plastics in Ocean Waters	1	260,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Michael Hadfield	Pacific Biosciences Research Center	Biofilms to Biofouling: Field Testing and Determining Causative Factors in the Development of the Marine Biofouling Community	2	159,968
DEFENSE, DEPT-NAVY US NAVAL OBSERVATORY	Klaus Hodapp	Applied Research Laboratory	Infrared Celestial Reference Frame Observations using the United Kingdom Infrared Telescope (UKIRT): 2022-2023 Operations	2	850,000
DEFENSE, DEPT-THREAT REDUCTION AGCY	Tung Hoang	School of Life Sciences	Defense Against Burkholderia pseudomallei Infection: Subunit Vaccine and Monoclonal Antibody/Nanobody Technologies	1	561,830
DEFENSE, DEPT-United States Indo-Pacific Command	Margaret Edwards	Applied Research Laboratory	Support for USINDOPACOM Science, Technology, and Field Experimentation 2022-2023	2	79,772
DEFENSE, DEPT-WASHINGTON HEADQUARTERS SVCS	David Lassner	Pacific Disaster Center	University of Hawaii Pacific Disaster Center (UoH PDC) Cooperative Agreement 2021-2026	2	7,381,574
Defense, Dept Naval Air Warfare Center Aircraft Division	David Lassner	Applied Research Laboratory	Naval-Leveraging Innovations, Frameworks and Technologies (LIFT) Modeling and Simulation (M&S) / Live Virtual Constructive (LVC) Ecosystem	3	434,000

### 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	An Extensible High Energy Density Modeling Tool for Extreme Regimes	1	173,548
ENERGY, DEPT	Nicolas Gaillard	Hawaii Natural Energy Institute (HNEI)	Monolithic Encapsulation of Perovskite Solar Cells with Transparent Conductive Composites for Long-Term Stability	1	200,000

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-FISH & WILDLIFE SVC	Clifford Morden	Pacific Cooperative Studies Unit	USFWS/PCSU Invasive Species Strike Team (ISST) - Lau Strike Kipapa	1	60,000
INTERIOR, DEPT-FISH & WILDLIFE SVC	Shaya Honarvar	Pacific Cooperative Studies Unit	Preventing the Extinction of Endangered Plant Species in the Hawaiian Islands	1	500,000
INTERIOR, DEPT-FISH & WILDLIFE SVC	Shaya Honarvar	Pacific Cooperative Studies Unit	Project Support for Coordinating Group on Alien Pest Species (CGAPS) Inter- Agency Coordination and Outreach Efforts	1	40,000
INTERIOR, DEPT-NATIONAL PARK SVC	Brett Oppegaard	School of Communications	Research and Create Accessible Audio Description for National Park Print Materials	1	68,000
INTERIOR, DEPT-NATIONAL PARK SVC	James Bayman	Department of Anthropology	Cultural Resources Preservation and Archaeological Certification Training for the Freely Associated States of Micronesia and the Pacific Territories	1	25,436
INTERIOR, DEPT-NATIONAL PARK SVC	Paul Krushelnycky	Plant and Environmental Protection Sciences	Researching Alpine Species	1	104,999
INTERIOR, DEPT-NATIONAL PARK SVC	Robert Toonen	Hawaii Institute of Marine Biology (HIMB)	A Systematic Population Assessment and Genetic Analysis of Giant Clam Stocks in American Samoa	1	17,562
INTERIOR, DEPT-NATIONAL PARK SVC	Seth Quintus	Department of Anthropology	Student Training, Archaeological Survey and Digital Documentation at Puukohola Heiau National Historic Site	1	72,476
INTERIOR, DEPT-NATIONAL PARK SVC	Shaya Honarvar	Pacific Cooperative Studies Unit	Monitoring and Recovery of Hawaii Hawksbill Turtles	1	81,042
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Sea Grant College Program	Ecological and Sociocultural Responses to Transplanting Corals to Enhance Reef Resilience in Oahu, HI	1	116,577
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Sea Grant College Program	Fill the Knowledge Gaps: Extreme Weather Driven Changes in Flow Regime and their Impacts on Amphidromous Species in Hawaiian Streams	1	175,917

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Sea Grant College Program	Increasing Agroforestry Inventory and Monitoring Capacity and Climate Change Resilience across the Pacific through High-resolution Imagery and Artificial Intelligence	1	366,368
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Sea Grant College Program	Unlocking Resilience Drivers to Inform Pacific Coral Reef Management	1	140,486
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Sea Grant College Program	Using Oral Histories of Marshallese and Yapese Voyaging to Support the Development of Community Engagement for Sustainable Sea Transport	1	200,381
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Donald Thomas	College of Natural and Health Sciences	Cooperative Monitoring and Assessment of Hawaii Volcano Hazards	2	869,283
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Avian Disease and Mosquito Distribution in Hawaii	1	126,540
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Biosurveillance for Invasive Species in Pacific Island Ecosystems	1	83,871
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Building a Diverse Future Workforce	1	76,600
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Preventing the Extinction of Hawaiian Forest Birds	1	419,938
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Restoring Degraded Habitats and Biological Communities on Pacific Islands	1	176,550
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Soil Arthropod Functional Traits and Food Webs in Experimental Forest Plots	1	12,400
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Thomas Giambelluca	Water Resources Research Center	FY 2021 Annual Application under Section 104 of the Water Resources Research Act of 1984 of the State Water Resources Research Institute Program	1	250,000

#### Dept of State

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
STATE, DEPT-US AGENCY INTL DEV-FED USAID	David Lassner	Pacific Disaster Center	Early Warning and Decision Support Capacity Enhancement in the Philippines	1	750,000

### **ED-Dept of Education**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED	Erin E Centeio	Department of Kinesiology and Rehabilitation Science	l Pa'a Ka Huewai Pawehe "So That Our Prized Water Gourds Are Made Firm"	1	950,011

#### Foreign

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN SAMOA POWER AUTHORITY	Christopher K Shuler	Water Resources Research Center	Joint ASPA UH-WRRC Hydrologic Technician Position	1	116,787
CURTIN UNIVERSITY	Carol Boushey	Cancer Etiology (Epidemiology)	Improving Diet Quality of Patients Living with Obesity: A Randomised Controlled Trial to Build Effective Dietetic Service Delivery in a Primary Health Care Setting	1	10,948
MELBOURNE, THE UNIVERSITY OF	Loic Le Marchand	Cancer Etiology (Epidemiology)	Colon Cancer Family Registry Cohort	1	111,856
National Institute of Advanced Industrial Science and Technology	Jeffrey Channing Drazen	Department of Oceanography	Annotation of Edokko Mark-I Baited Camera Videos From Pacific Seamounts	1	21,561
Nauru Ocean Resources Inc.	Jeffrey Channing Drazen	Department of Oceanography	Characterization and Monitoring of the Water Column Ecosystem in the Eastern CCZ (NORI-D)	1	584,000
Sydney, University of	Miriam Stark	Social Science Research Institute	Re-defining Collapse: Angkor's Urban Diaspora 1300-1800 CE	1	76,202

#### Hawaii- Business and Other

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Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EAST WEST CENTER dba of CCTI b/w East and West, Inc.	James Potemra	Hawaii Institute of Geophysics and Planetology (HIGP)	Climate Data Services in Support of UNEP/GCF Efforts in the Pacific	1	662,170
EAST WEST CENTER dba of CCTI b/w East and West, Inc.	James Potemra	Hawaii Institute of Geophysics and Planetology (HIGP)	Continued Data Services and Web Support for Hawaii Drought and Freshwater Products	1	105,554
MAKAI OCEAN ENGINEERING INC	Weilin Qu	Mechanical Engineering	Development of a Submersible System	1	160,366
MALAMA KAHALAWAI INC	Clifford Morden	Pacific Cooperative Studies Unit	Habitat Protection of Helu Mountain	1	381,901

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
MALAMA KAHALAWAI INC	Clifford Morden	Pacific Cooperative Studies Unit	Olowalu Green Belt Restoration, West Maui	1	24,435
Nalu Scientific, LLC	Gary Varner	Department of Physics and Astronomy	Design and Fabrication of the HDSOC - High Density Digitizer System-On-Chip	1	50,000
Spectrum Photonics, Inc	Margaret Edwards	Applied Research Laboratory	Hyperspectral Chemical Airborne Reconnaissance Sensor (HyCARS)	1	68,879

### Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CITY & COUNTY HONOLULU	Marek Kirs	Water Resources Research Center	Biological and Sediment Study on Marine Communities Near the City's Ocean Sewer Outfalls	1	3,877,864
County of Hawaii Dept of Research and Development	Shaya Honarvar	Pacific Cooperative Studies Unit	Expanding Devil Weed Eradication Program to the Puna District	1	25,000
HAWAIIAN HOME LANDS, DEPT- HI	Clifford Morden	Pacific Cooperative Studies Unit	Mauna Kea Watershed Alliance Project Mgt. Assistance for Kanakaleonui Bird Corridor Implementation	1	40,000
HEALTH, DEPT-HI	Clifford Morden	Pacific Cooperative Studies Unit	Native Forest Restoration in the Koolau Mountains	1	15,793
HUMAN SERVICES, DEPT-HI	Rachel Novotny	Human Nutrition, Food and Animal Sciences	The Hawaii Supplemental Nutrition Assistance Program (SNAP) Longitudinal Data and Research Project (LDRP)	1	900,000
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Floyd Reed	School of Life Sciences	Whole Genome Generation for the Collector Urchin Hawa`e Maoli (Tripneustes gratilla)	1	11,931
LAND & NATURAL RES, DPT- AQUAT (DLNR)	John Henrik Burns	Marine Science	Honolulu Channel Monitoring Proposal	1	44,000
LAND & NATURAL RES, DPT- FORST (DLNR)	Clifford Morden	Pacific Cooperative Studies Unit	WP22-23 MKWP PCSU	1	122,757
LAND & NATURAL RES, DPT- FORST (DLNR)	Clifford Morden	Pacific Cooperative Studies Unit	Waianae Kai Forest Reserve Protection and Restoration Project	1	60,000
LAND & NATURAL RES, DPT- FORST (DLNR)	David Duffy	Pacific Cooperative Studies Unit	Early Detection and Prevention of Little Fire Ants on Oahu	1	132,267
LAND & NATURAL RES, DPT- FORST (DLNR)	David Duffy	Pacific Cooperative Studies Unit	Technical Assistance to the Hawaii Invasive Species Council	1	29,975

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT- FORST (DLNR)	Melissa Renae Price	Natural Resources and Environmental Mgt (NREM)	Biodiversity in Maui Nui	1	82,287
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Hawaii Forestry Planning	1	102,465
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Kauai Seabird Searcher Efficiency Project	1	22,756
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Management of Forest Plant Pests on Hawaii Island	1	73,120
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Na Manu Unit Management	1	100,000
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Natural Resource Ecosystem Restoration Maui	1	245,000
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Natural Resource Ecosystem Restoration Rare Plant Program: Kauai	1	95,000
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Natural Resource and Ecosystem Restoration on Hawaii Island	1	75,000
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Planning and Research to Inform Water Lease Development, and Watershed and Landscape Restoration on Kauai	1	37,080
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	Rapid Ohia Death (ROD) Detection and Response with the Big Island Invasive Species Committee	1	55,000
LAND & NATURAL RES, DPT- FORST (DLNR)	Shaya Honarvar	Pacific Cooperative Studies Unit	The State of Hawaii's Plant Extinction Prevention Program	1	664,461
TRANSPORTATION, DEPT-HI	lan Robertson	Civil and Environmental Engineering	Five Year Monitoring and Enhancement of the Kealakaha Stream Bridge Seismic Instrumentation	1	501,425
TRANSPORTATION, DEPT-HI	Lin Shen	Civil and Environmental Engineering	Field Application of Cement-free Geopolymer Concrete Using Fly Ash	1	399,476
TRANSPORTATION, DEPT-HI	Tianwei Ma	Civil and Environmental Engineering	V2X-Enabled Interconnected Traffic Control System Innovations on the Nimitz Highway and Ala Moana Boulevard Arterial	1	57,662

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
WATER SUPPLY, BOARD OF	Clifford Morden	Pacific Cooperative Studies Unit	Natural Resource Work on Selected Board of Water Supply Watershed Areas and Priority Watershed Areas in the Koʻolau Mountains on Oʻahu	1	277,232
WATER SUPPLY, BOARD OF	Clifford Morden	Pacific Cooperative Studies Unit	Natural Resource Work on Selected Board of Water Supply Watershed Areas and Priority Watershed Areas in the Waianae Mountains on Oʻahu	1	275,000
WATER SUPPLY, BOARD OF	Shaya Honarvar	Pacific Cooperative Studies Unit	Survey, Control and Monitoring of Incipient Invasive Species on Selected BWS Watershed Areas on Oʻahu	1	336,586

### Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
STRAUB CLINIC & HOSPITAL	Christopher Stickley	Department of Kinesiology and Rehabilitation Science	Biomechanics Registry Straub Hospital	1	75,178

### Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
BIG ISLAND RESOURCE CONSERVATION & DEV COUNCIL INC.	Clifford Morden	Pacific Cooperative Studies Unit	MKWA Partners Planting	1	52,000
HAWAII COMMUNITY FOUNDATION GEIST FDTN	Wei-Kung Wang	Department of Tropical Medicine, Medical Micro and Pharm	Durability and Kinetics of Neutralization Antibodies Against SARS-CoV-2 Variants Following Different Vaccination Regimens	1	59,999
HAWAII COMMUNITY FOUNDATION INGEBORG VF MCKEE FUND	Jinan Banna	Human Nutrition, Food and Animal Sciences	Development and Validation of a Novel Tool to Assess Sodium Intake for Heart Disease Prevention in a Multiethnic Population	1	59,190
HAWAII COMMUNITY FOUNDATION INGEBORG VF MCKEE FUND	Kelly Murphy	Center on Disability Studies/University Affiliated Pgms	Areca Nut and Betel Quid Health Risk Reduction and Cessation: Intervention Development in Hawai'i	1	60,000
HAWAII COMMUNITY FOUNDATION INGEBORG VF MCKEE FUND	Takashi Matsui	Department of Anatomy, Biochemistry, and Physiology	Cell-to-Cell Death Along Myofibers in Ischemic Heart Disease	1	60,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION MEDICAL RESEARCH	Joanne Yu-Ming Yew	Pacific Biosciences Research Center	Influence of the Gut Microbiome on Obesity	1	60,000
HAWAII COMMUNITY FOUNDATION STRAUB TRUST ESTATE	William Ward	Department of Anatomy, Biochemistry, and Physiology	Effect of EXOC5 on Folliculogenesis	1	60,000
Malama Maunalua	Clifford Morden	Pacific Cooperative Studies Unit	Pia Valley Habitat and Watershed Protection	1	35,000
NATIONAL TROPICAL BOTANICAL GARDEN	Tamara Beth Ticktin	School of Life Sciences	Predictors of Outplanting Success for the Endangered Tree Polyscias bisattenuata (Araliaceae)	1	11,946
UNIVERSITY HAWAII FOUNDATION	Angel Yanagihara	Department of Tropical Medicine, Medical Micro and Pharm	Operation Box Stop	1	750
UNIVERSITY HAWAII FOUNDATION	Arindam Chakrabarti	Philosophy (UH Manoa)	Lenney Distinguished Professorship	1	26,700
UNIVERSITY HAWAII FOUNDATION	Carl Gustav Meyer	Hawaii Institute of Marine Biology (HIMB)	Shark Deterrent Identification and Research	1	1,760,000
UNIVERSITY HAWAII FOUNDATION	Christopher Baker	Kawaihuelani Center for Hawaiian Language	Na Kukulu o Kama	1	23,684
UNIVERSITY HAWAII FOUNDATION	Crawford R Drury	Hawaii Institute of Marine Biology (HIMB)	Coral Reef Assisted Evolution Research	1	940,000
UNIVERSITY HAWAII FOUNDATION	Elizabeth M P Madin	Hawaii Institute of Marine Biology (HIMB)	Elizabeth Madin: Assessing Coral Reef Halos	1	38,000
UNIVERSITY HAWAII FOUNDATION	John Rosa	History (UH Manoa)	Hawaiian Historical Research	1	11,100
UNIVERSITY HAWAII FOUNDATION	Kawika Bradford Winter	Hawaii Institute of Marine Biology (HIMB)	Ecomimicry and Indigenous Resource Management Research	1	743,000
UNIVERSITY HAWAII FOUNDATION	Mark Hixon	School of Life Sciences	Hsiao Endowed Chair	1	137,884
UNIVERSITY HAWAII FOUNDATION	Nathaniel Hudson Kingsley	Lyon Arboretum	HRPP Seed Conservation Lab	1	10,000
UNIVERSITY HAWAII FOUNDATION	Olivier Le Saux	Department of Cell and Molecular Biology	Molecular Mechanisms in Neurodegenerative Disorders Research	1	10,406

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Patrick V Kirch	Department of Anthropology	Kirch Graduate Research Assistant Support	1	25,379
UNIVERSITY HAWAII FOUNDATION	Philip M Garboden	Urban and Regional Planning	HCRC Distinguished Professors	1	12,500
UNIVERSITY HAWAII FOUNDATION	Robert Toonen	Hawaii Institute of Marine Biology (HIMB)	Ocean Health Gift: Designer Coral Reefs Research	1	987,000
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	Sen Chair	1	52,791
UNIVERSITY HAWAII FOUNDATION	Shaya Honarvar	Pacific Cooperative Studies Unit	Hauoli Mau Loa Fdn - CGAPS Capacity Support 2022-2023	1	93,900
UNIVERSITY HAWAII FOUNDATION	Stefan Moisyadi	Department of Anatomy, Biochemistry, and Physiology	B.H. & Alice Beams Professorship in Cancer Research #1	1	10,000
UNIVERSITY HAWAII FOUNDATION	Ty Tengan	Ethnic Studies	Lahainaluna Boarder Oral History	1	26,669
UNIVERSITY HAWAII FOUNDATION	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	UHF - Infectious Diseases Research Support	1	12,000

#### Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ABT ASSOCIATES INC	Philip M Garboden	Social Science Research Institute	Evaluation of Moving to Work Cohort 4 Landlord Incentives	1	326,931
AMERICA VIEW	Qi Chen	Geography (UH Manoa)	StateView Program Development and Operations for the State of Hawaii	1	23,500
Biomass Energy Systems Inc.	Samir Khanal	Molecular Biosciences and Bioengineering	Developing Technologies to Ameliorate Global Climate Change	1	110,000
ENVIRONMENTAL DEFENSE	Michael Roberts	Social Science Research Institute	Model Intercomparison for a Decarbonized US Electric Grid	1	150,000
Franklin County Public Health	Tetine Lynn Sentell	Office of Public Health Studies	Advancing Health Literacy to Enhance Equitable Community Responses to COVID-19	1	144,999
ICF Incorporated, LLC	Makena Coffman	Office of the Provost	Energy and Emissions Reduction Plan for Transportation	1	94,680

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
JET PROPULSION LAB-JPL	Philip R Thompson	Cooperative Institute for Marine and Atmospheric Research	30-Year Satellite-Altimeter Record of Regional Sea-Level Change	1	71,225
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	100,000
Kaheawa Wind Power LLC	David Duffy	Pacific Cooperative Studies Unit	Makamaka`ole Seabird Monitoring & Protection	1	130,201
NATIONAL GEOGRAPHIC SOCIETY	Tamara Beth Ticktin	School of Life Sciences	Influence of Land Use History and Climatic Events on the Flora of the Southern Line Islands	1	29,958
SMITHSONIAN ASTROPHYSICAL OBSERVATORY	Harald Ebeling	Institute for Astronomy	Extreme Segregation in a Massive Dissociative Cluster Merger at z=0.6	1	46,030
SMITHSONIAN ASTROPHYSICAL OBSERVATORY	Harald Ebeling	Institute for Astronomy	Keep It Simple: Massive Two-Body Mergers at z-0.6	1	30,940
SPACE TELESCOPE SCIENCE INSTITUTE	Abraham Cornelis Adwin Boogert	Institute for Astronomy	IceAge: Chemical Evolution of Ices During Star Formation	1	24,208
SPACE TELESCOPE SCIENCE INSTITUTE	Karen Meech	Institute for Astronomy	Characterization of the Second Interstellar Object	1	12,533
UT-Battelle, LLC	Guohui Zhang	Civil and Environmental Engineering	Applying Artificial Intelligence-Based Signal Coordination and Controls for Optimized Mobility for the Nimitz Highway and Ala Moana Boulevard Arterial in Honolulu	1	150,000
WOODS HOLE OCEANOGRAPHIC INSTITUTION	Philip R Thompson	Cooperative Institute for Marine and Atmospheric Research	Contributions to Coastal Sea-Level Extremes: Understanding the Past and Projecting the Future	1	5,000

### Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN LUNG ASSN	Sladjana Prisic	Department of Microbiology	Dissecting How Macrophages Respond to Zinc Limited Mycobacterium Tuberculosis	1	150,000
Children's Hospital of Philadelphia	John A Shepherd	Cancer Etiology (Epidemiology)	Genomics of Bone and Body Composition Traits in Children	1	131,777

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Fred Hutchinson Cancer Center (FHCC)	Loic Le Marchand	Cancer Etiology (Epidemiology)	Using Functional Genomics to Inform Gene Environment Interactions for Colorectal Cancer	1	2,630

#### Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Boston Medical Center Corporation	Marjorie K L M Mau	Department of Native Hawaiian Health	I kua na'u "Let Me Carry Out Your Last Wishes" Advance Care Planning for Native Hawaiian Elders	1	216,184
H. Lee Moffitt Cancer Center and Research Institute, Inc.	Holly B Fontenot	Department of Nursing	Cervical Cancer: PROGRESS for Prevention	1	12,656
Simons Foundation	Brian Powell	Department of Oceanography	CBIOMES: Estimating the Biogeochemistry Around Hawaii	1	457,088
Simons Foundation	Nicholas J Hawco	Department of Oceanography	Scholar Award: Mapping Gradients in Phytoplankton Iron Contents With Single-Cell ICPMS	1	295,711
Society for Public Health Education	Erin E Centeio	Department of Kinesiology and Rehabilitation Science	Improving UH Manoa's Health Education Teacher Education Program	1	5,000
The Hope Foundation for Cancer Research	Jami Aya Fukui	Natural Products (Cancer Biology)	Expansion of a Successful Intervention to Increase NH/PI Accrual to Clinical Trials in an Underserved Rural Community on Oahu	1	62,500

#### National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Angelicque E White	Center for Microbial Oceanography, Research and Edu (C-MORE)	The PACE-MAPP Algorithm: Coupled Aerosol and Ocean Products from Combined Polarimeter and OCI SWIR Measurements	1	6,998
NATIONAL AERONAUT & SPACE ADM	Bo Qiu	Department of Oceanography	Exploring Cross-Scale Ocean Circulation Interactions Through Synergy of Satellite Altimetry and High-Resolution OGCM	1	197,299
NATIONAL AERONAUT & SPACE ADM	David Lassner	Pacific Disaster Center	Leveraging A.37 Projects to Disseminate Global Surface Water Mapping from SAR and Optical Data to Global Stakeholders	1	329,757

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Elena Dobrica	Hawaii Institute of Geophysics and Planetology (HIGP)	Hydrothermal Alteration Experiments of Primitive Materials to Demonstrate the Early Fluid-Assisted Processes on Asteroids	1	142,730
NATIONAL AERONAUT & SPACE ADM	Jennifer L van Saders	Institute for Astronomy	Stellar Flares Through Time	1	70,000
NATIONAL AERONAUT & SPACE ADM	John Tonry	Institute for Astronomy	Extending the Reach for Hazardous Asteroids	1	1,024,255
NATIONAL AERONAUT & SPACE ADM	Karen Meech	Institute for Astronomy	Testing Solar System Formation Models Using Low Activity Objects on Long- Period Comet Orbits	1	254,793
NATIONAL AERONAUT & SPACE ADM	Lennox Cowie	Institute for Astronomy	A Comprehensive FIR Catalog of the Hubble Frontier Fields: A Herschel Based Tool for Deep Searches for High Redshift Galaxies	1	129,853
NATIONAL AERONAUT & SPACE ADM	Peter Gorham	Department of Physics and Astronomy	Particle Astrophysics with the Payload for Ultrahigh Energy Observations (PUEO): A Next Generation Long- duration Balloon-borne Instrument for the Cosmic High Energy Frontier Univ. of Hawaii Co-I	1	68,140
NATIONAL AERONAUT & SPACE ADM	Ralf Ingo Kaiser	Department of Chemistry	Exploring the Photochemical Processing of Ethane Droplets in Titan's Atmosphere in a Novel Ultrasonic Levitation Setup	1	177,821
NATIONAL AERONAUT & SPACE ADM	Ralf Ingo Kaiser	Department of Chemistry	Exploring the Spectroscopic and Chemical Evolution of Surfaces of Airless Trans-Neptunian Objects by Ionizing Radiation	1	194,849
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	1	228,565

#### National Science Foundation

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Angelicque E White	Department of Oceanography	Collaborative Research: Evaluating the Contribution of Small Eukaryotes to Nitrate-Based New Production in the North Pacific Subtropical Gyre	1	297,369
NATIONAL SCIENCE FOUNDATION	Bin Chen	Hawaii Institute of Geophysics and Planetology (HIGP)	Laboratory Technician Support: Experimental Mineral Physics and Petrology Facilities at the University of Hawaii at Manoa	1	149,864
NATIONAL SCIENCE FOUNDATION	Christina Karamperidou	Department of Atmospheric Sciences	Collaborative Research: P2C2Paleowind Synthesis of Models and Data to Constrain the Response of Extratropical Atmospheric Circulation to External Forcing	1	111,643
NATIONAL SCIENCE FOUNDATION	Christina Karamperidou	Department of Atmospheric Sciences	P2C2: Tropical Pacific Influences on Atmospheric Blocking Across Climates	1	654,880
NATIONAL SCIENCE FOUNDATION	Christina Karamperidou Wolff	Department of Atmospheric Sciences	Collaborative Research: Response of the Upper Tropical Pacific Ocean to Greenhouse Gas Forcing in Observations and Models	1	267,901
NATIONAL SCIENCE FOUNDATION	Christoph J Baranec	Institute for Astronomy	A Robotic Telescope for Rapid Astronomical Observations and Demonstration of Hybrid Adaptive Optics	1	50,527
NATIONAL SCIENCE FOUNDATION	Craig E Nelson	Department of Oceanography	RUI: Collaborative Research: Defining the Biogeochemical Context and Ecological Impacts of Submarine Groundwater Discharge on Coral Reefs	1	119,778
NATIONAL SCIENCE FOUNDATION	David Ho	Department of Oceanography	Collaborative Research: Investigating Bubble-Mediated Gas Exchange in a Strongly Convective Ocean During the Bubble Exchange in the Labrador Sea (BELS) Experiment	1	466,900
NATIONAL SCIENCE FOUNDATION	Elizabeth M P Madin	Hawaii Institute of Marine Biology (HIMB)	CAREER: Decoding Seascape-Scale Vegetation Patterns on Coral Reefs to Understand Ecosystem Health: Integrating Research and Education from Organismal to Planetary Scales	1	149,069

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Ellen M Briggs Gum	Department of Ocean and Resources Engineering	Micro-pHAT: A Re-Envisioned Sensor Design for Measuring Seawater pH and Total Alkalinity In Situ	1	456,440
NATIONAL SCIENCE FOUNDATION	Feifei Jin	Department of Atmospheric Sciences	Further Studies of Dynamics for El Nino- Southern Oscillation (ENSO) Diversity and Complexity	1	834,774
NATIONAL SCIENCE FOUNDATION	Fernanda Henderikx Freitas	Department of Oceanography	Oxygen and Carbon-Based Production and Respiration Rates Across the Pacific Ocean From Profiling Floats	1	912,167
NATIONAL SCIENCE FOUNDATION	Jakub Hyvl	Department of Chemistry	CAREER: Designing Hypervalent Bismuth Complexes with Reactive Perfluorinated Groups for Selective Organofluorination and Expanding Outreach in STEM Education in Hawaii.	1	237,875
NATIONAL SCIENCE FOUNDATION	Jasper Gerard Konter	Earth Sciences	Collaborative Research: Do Improved Absolute Plate Motion Models Based on Cretaceous Western Pacific Seamounts Relate Louisville to Ontong-Java?	1	88,981
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	25,100
NATIONAL SCIENCE FOUNDATION	Joanne Yu-Ming Yew	Pacific Biosciences Research Center	Collaborative Research: Molecular and Evolutionary Mechanisms Underlying the Rapid Gain and Loss of an Insect Pheromone	1	344,904
NATIONAL SCIENCE FOUNDATION	Karen Selph	Department of Oceanography	Collaborative Research: Mesoscale Variability in Nitrogen Sources and Food-web Dynamics Supporting Larval Southern Bluefin Tuna in the Eastern Indian Ocean	1	20,775
NATIONAL SCIENCE FOUNDATION	Kasey Barton	School of Life Sciences	MCA: Ontogenetic Constraints to Climate Change Resilience – Investigating Consequences of Heteroblasty Under Increasing Aridity in New Zealand Forests	1	287,095
NATIONAL SCIENCE FOUNDATION	Kristin Pauker	Psychology (UH Manoa)	Collaborative Research: From Culture to Child: How Collective Perceptions of Affective Divergence Shape Interracial Relationships in Middle Childhood	1	195,626

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Kyle F Edwards	Department of Oceanography	BoCP-Implementation: Functional Diversity of the Smallest Predators in the Current and Future Ocean	1	1,420,915
NATIONAL SCIENCE FOUNDATION	Louise Pagotto	Math and Science	Louis Stokes B2B Alliance: Strategic Transfer Alliance for Minority Participation (STAMP) Training While Online (TWO)	2	1,082,983
NATIONAL SCIENCE FOUNDATION	Michael Bruno	Office of the Provost	ADVANCE Catalyst: Advancing Kaulike (Equity) Focusing on STEM Intersectional Experiences at the University of Hawai'i at Mānoa	1	309,998
NATIONAL SCIENCE FOUNDATION	Michael Gerald Muszynski	Tropical Plant and Soil Science	RII Track-2 FEC: Genome Engineering to Sustain Crop Improvement (GETSCI)	1	994,970
NATIONAL SCIENCE FOUNDATION	Michael Rappe	Hawaii Institute of Marine Biology (HIMB)	Collaborative Research: Illuminating Microbes and Their Viruses Within the Dark Ocean Crust Through Strain-level Approaches	1	99,471
NATIONAL SCIENCE FOUNDATION	Petra Lenz	Pacific Biosciences Research Center	Collaborative Research: Zooplankton Restarts in a High-Latitude Marine Ecosystem: Species-Specific Recruitment and Development in Early Spring	1	514,353
NATIONAL SCIENCE FOUNDATION	Philip Albert von Doetinchem de Rande	Department of Physics and Astronomy	Cosmic-ray Antinuclei as Messengers of New Physics	2	268,225
NATIONAL SCIENCE FOUNDATION	Rebecca Ostertag	College of Natural and Health Sciences	The Influence of Plant Functional Traits on Multi-Trophic Interactions: An Experimental Community Restoration Approach in Hawaiian Lowland Wet Forest	1	43,158
NATIONAL SCIENCE FOUNDATION	Robert Franco	Chancellor, Kapiolani Community College	RII-BEC: Transcending Barriers to Success in Economics for Underrepresented Students: Preparing COVID-Affected Students for Their Climate-Resilient Future	1	999,986
NATIONAL SCIENCE FOUNDATION	Seth M Bushinsky	Department of Oceanography	Collaborative Research: Physical and Biological Controls on Ocean Carbon and Oxygen Uptake in the Western North Pacific	1	151,238

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Therese Gruter Nell	Department of Second Language Studies	Doctoral Dissertation Research: Facilitation Effects of Structural Priming on Second Language Learning and Prediction of the Dative Alternation	1	17,376
NATIONAL SCIENCE FOUNDATION	Thomas Shea	Earth Sciences	Collaborative Research: Size, Depth and Longevity of Magma Reservoirs under Kilauea's Rift Zones: Integrating Melt Inclusion Data and Thermal Modeling	1	87,109
NATIONAL SCIENCE FOUNDATION	Travis Scott Mandel	Computer Science (UH Hilo)	CAREER: Accelerating Scientific Data Collection through Human-in-the-Loop Artificial Intelligence	1	113,941
NATIONAL SCIENCE FOUNDATION	Xudong Sun	Institute for Astronomy	CAREER: Probing Stressed Magnetic Fields in Solar Active Regions	1	116,773

# US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ALASKA FAIRBANKS, UNIVERSITY OF	Guohui Zhang	Civil and Environmental Engineering	Enhancing Vehicle Sensing for Traffic Safety Performance Improvements Using Roadside LiDAR Data in RITI Communities	1	151,500
ALASKA FAIRBANKS, UNIVERSITY OF	Saeed Sepasi	Hawaii Natural Energy Institute (HNEI)	Models to Assess Dynamic Response	1	154,988
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	66,000
Alabama, University of	Giuseppe Torri	Water Resources Research Center	An Evaluation of the NextGen National Water Model in Tropical Conditions with the Aim of Improving Hyperlocal Flood Forecasting	1	437,743
Bowling Green State University	Krysia Mossakowski	Sociology (UH Manoa)	Older Adult Dementia Risk and Offspring Education in the United States	1	48,148
CALIFORNIA LOS ANGELES, UNIV	Emily Costello	Hawaii Institute of Geophysics and Planetology (HIGP)	The Thermophysical Properties and Rock Breakdown Rates of Crater Ejecta on the Moon	1	49,784
CALIFORNIA LOS ANGELES, UNIV	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Support to UCLA LRO Diviner Investigation	1	34,500

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CALIFORNIA RIVERSIDE, UNIVERSITY OF	Miaoying Tian	Plant and Environmental Protection Sciences	Reducing Avocado Losses to Major Challenges by Improving Resistance Selection and Disease Management Using Next Generation Technologies	1	169,265
CALIFORNIA SAN DIEGO, UNIV	Steven Howell	Department of Oceanography	Processing Shipboard ADCP Data for Coastal Submesoscale Analysis	1	42,609
COLORADO DENVER, UNIVERSITY OF	Johann Urschitz	Department of Anatomy, Biochemistry, and Physiology	Trophoblast mTOR: A Critical Hub Linking Maternal Nutrient Supply to Placental Function, Fetal Growth and Fetal Islet Function	1	33,502
CORNELL UNIVERSITY	Sharon Aiko Motomura Wages	Hawaii County	Support to the Next Generation Cassava Breeding Phase 2	1	29,192
Georgia Institute of Technology	Philip M Garboden	Social Science Research Institute	Preserving Rental Housing Stability During Disasters: An Examination of Eviction Moratoria During the COVID19 Pandemic	1	21,636
Idaho, University of	Susan Crow	Natural Resources and Environmental Mgt (NREM)	NSF MSRI ID Ecotron	1	391,386
Louisiana State University-Health Sciences Center	Richard Yanagihara	Department of Pediatrics	Viral and Host Determinants of Susceptibility of Diverse Hantaviruses	1	39,125
MARYLAND, UNIVERSITY OF	Tomoaki Miura	Natural Resources and Environmental Mgt (NREM)	CISESS: University of Hawaii - Scientific Support & Continuing Validation of JPSS Vegitation Products	1	58,423
MINNESOTA, UNIVERSITY OF	Alice Evelyn Koniges	Office of the Vice President for Information Technology	Particulate and Precipitation Effects on High-speed Flight Vehicles	1	249,860
Morehouse School of Medicine	Richard Yanagihara	Department of Pediatrics	Research Centers in Minority Institutions (RCMI) Coordinating Center	1	190,245
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	142,188
OREGON, UNIVERSITY OF	Miriam Stark	Social Science Research Institute	Power, Prasat and Periphery: Becoming Provincial Angkor	1	6,470

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Rensselaer Polytechnic Institute	Kiana Laieikawai Frank	Pacific Biosciences Research Center	The DEEP Project: DEtecting Extraterrestrial Piezophiles in Ocean World Analogs	1	120,095
The Catholic University of America	Xudong Sun	Institute for Astronomy	Probing the Solar Corona with MHD Waves on Local and Global Scales	1	21,540
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	1	43,409
Vanderbilt University Medical Center	Sung-Shim Lani Park	Cancer Etiology (Epidemiology)	Addressing Racial Disparities in Lung Cancer Screening	1	21,800
WASHINGTON, UNIVERSITY OF	Jami Aya Fukui	Translational and Clinical Research	Enhancing Connections-Palliative Care: A Cancer Parenting Program for Patients with Advanced Cancer and Their Children.	1	17,783
Wake Forest University Health Sciences	Christa Marie Braun-Inglis	Natural Products (Cancer Biology)	Wake Forest NCORP Research Base	1	15,000
Research - Total		306	96,466,291		

#### Non-Research

### DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	Tamara Beth Ticktin	School of Life Sciences	Documenting and Sharing Knowledge of Breadfruit to Enhance Food Security and Biocultural Conservation in Yap, Micronesia and Oʻahu, Hawaiʻi	1	114,147
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Anna Magda Wieczorek	Tropical Plant and Soil Science	Connecting Agriculture to STEM: Strategic Approach to Increasing Local Science Capacity	1	41,996
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Farrah-marie Kawailani Gomes	Vice Chancellor for Student Affairs	Acquisition of Goods and Services	1	44,000
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Michael Shintaku	Hawaii County	Acquisition of Goods and Services	2	14,370
AGRICULTURE, DEPT-NATL INST FOOD AND AGRICULTURE	Lui Hokoana	Chancellor, UH Maui College	Ike Kupuna: Integrating Traditional Knowledge Into Natural Resource Sciences	1	475,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-NATL INST FOOD AND AGRICULTURE	Mark Wright	Plant and Environmental Protection Sciences	Hawaii Statewide Implementation of Pest Management Information through Extension Activities	1	58,410

#### 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)	Winona Lee	Department of Native Hawaiian Health	Centers of Excellence	1	686,000
HEALTH & HUMAN SVC, DEPT- ADMIN FOR COMM LIVING	Kiriko Takahashi	Center on Disability Studies/University Affiliated Pgms	Pacific Basin University Centers for Excellence in Developmental Disabilities (PBUCE)	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	450,100
HEALTH & HUMAN SVC, DEPT- HLTH CARE RES & QUALITY	Izumi Okado	Natural Products (Cancer Biology)	Development of an Electronic Tool to Improve Access to Cancer Clinical Trials in Rural Areas	1	173,665
HEALTH & HUMAN SVC, DEPT- HRSA-FED	Aida Bun-Lup Wen	Department of Geriatric Medicine	Geriatrics Workforce Enhancement Program	1	937,500
HEALTH & HUMAN SVC, DEPT- HRSA-FED	Kelley Withy	Academic Affairs (ADAA)	Health Careers Opportunity Program	1	640,000
HEALTH & HUMAN SVC, DEPT- HRSA-FED	Kelley Withy	Academic Affairs (ADAA)	Model State-Supported Area Health Education Centers (Pacific Simulation Education Training)	1	287,397
HEALTH & HUMAN SVC, DEPT- HRSA-FED MATERNAL & CHILD HLTH	May Okihiro	Department of Pediatrics	MCH Leadership Educ in Neurodevelopmental and Related	1	552,160
HEALTH & HUMAN SVC, DEPT- HRSA-FED MATERNAL & CHILD HLTH	Raymond M Miner	Center on Disability Studies/University Affiliated Pgms	Universal Newborn Hearing Screening and Intervention	1	144,220
HEALTH & HUMAN SVC, DEPT- HRSA-FED OFC RURAL HEALTH POL	Norman Hisao Okamura	Social Science Research Institute	Regional Telehealth Resource Centers	1	325,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL CANCER INST	Gertraud Maskarinec	University of Hawaii Cancer Center	Cancer Research Education, Advancement, Training and Empowerment (CREATE) in the Pacific	1	271,260
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	8
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL HEART LUNG & BLD INST	Cecilia Shikuma	Department of Medicine	Hawaii Interdisciplinary Mentored Career Development in HIV Co-Morbidities	1	316,218
HEALTH & HUMAN SVC, DEPT- NIH-FED NATL HEART LUNG & BLD INST	Ralph Shohet	Department of Medicine	Training in Cardiovascular Research at the University of Hawaii	1	165,624
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	454,015

### **DOC-Dept of Commerce**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-ECONOMIC DEV ADM-FED	Steven W Auerbach	Office of the Vice President for Research and Innovation	EDA University Center 2022-2027	1	150,000
COMMERCE, DEPT-ECONOMIC DEV ADM-FED	Tammi Jane Oyadomari-Chun	Office of the Vice President for Community Colleges	Hawaii Good Jobs Challenge: Resilient Hawaii	1	16,351,025
COMMERCE, DEPT-MINORITY BUSN DEV AGENGY-FED	Lui Hokoana	Chancellor, UH Maui College	Pa'oihana: Enhancing Hawaiian Economy	1	300,711
COMMERCE, DEPT-NATL NOAA- FED	Christopher L Sabine	Cooperative Institute for Marine and Atmospheric Research	Increased Logistical Support for Dissertations Symposium in Chemical Oceanography (DISCO) XXVIII and Physical Oceanography Dissertations Symposium (PODS) XXII	1	24,865
COMMERCE, DEPT-NATL NOAA- FED	Garret Tadashi Yoshimi	Office of the Vice President for Information Technology	N-WAVE Connectivity to the University of Hawaii	1	183,877
COMMERCE, DEPT-NATL NOAA- FED	Kamuela J N Enos	Office of the Vice President for Research and Innovation	Puuloa Shoreline Biocultural Restoration	1	445,000
COMMERCE, DEPT-NATL NOAA- FED	Melissa Iwamoto	Cooperative Institute for Marine and Atmospheric Research	Empowering Ocean Stakeholders: Advancing the Pacific Islands Ocean Observing System (PacIOOS)	1	3,270,164

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA- FED NATL OCEAN SVC	Kawika Bradford Winter	Hawaii Institute of Marine Biology (HIMB)	Heeia NERR Operations Award FY22	1	780,500
COMMERCE, DEPT-NATL NOAA- FED NATL OCEAN SVC	Lisa Parr	Marine Science	Papahanaumokuakea Marine National Monument	1	16,000
COMMERCE, DEPT-NATL NOAA- FED NATL OCEAN SVC	Rosanna A Alegado	Department of Oceanography	Ka Lepo Ke Kumu Wai, E Hua'i Ana Ka Lepo Kai: Assessing Disease Risk From Feral Felis Cactus and Sus Scrofa Within the He'eia Watershed	1	58,618
COMMERCE, DEPT-NATL NOAA- FED NATL OCEAN SVC	Yinphan Tsang	Natural Resources and Environmental Mgt (NREM)	Iolani Paepae o Wai Ekolu: Place-based Watershed Education and Caring for Stream Ecosystems	1	75,000
COMMERCE, DEPT-NATL NOAA- FED SEA GRANT COLL PGM	Maya Walton	Sea Grant College Program	2021 E. Gordon Grau Coastal and Marine Resource Management Fellowship Program (Grau Fellowship) - Honolulu- based NOAA Host Offices	1	58,000
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
COMMERCE, DEPT-NATL NOAA- FED SEA GRANT COLL PGM	Ruby Pap	Sea Grant College Program	Building Back Better: A Pre-Disaster Recovery Plan for the Island of Kaua'i	1	180,000
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Kenneth Kaneshiro	Pacific Biosciences Research Center	Hawaii Conservation Alliance Membership Dues for NMFS Pacific Islands Regional Office 2018-2023	1	12,154

### DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
DEFENSE, DEPT-NATIONAL SECURITY AGY	Debasis Bhattacharya	Chancellor, UH Maui College	2022 GenCyber Grant Program - University of Hawaii Maui College	1	150,000
DEFENSE, DEPT-NATIONAL SECURITY AGY	Jodi-Ann Y Ito	Office of the Vice President for Information Technology	2022 GenCyber Grant Program - University of Hawaii	1	146,120
DEFENSE, DEPT-NAVY NAVAL FAC ENGRG COMMAND	Vassilis Syrmos	Office of the Vice President for Research and Innovation	University of Hawaii Engineering Services in Support of Remediation Activities Joint Base Pearl Harbor-Hickam (JBPHH), Oahu, Hawaii	1	5,442,409

#### DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
INTERIOR, DEPT-BUREAU LAND MGMT-FED	Parker Trauernicht	Natural Resources and Environmental Mgt (NREM)	The Pacific Fire Exchange: Linking Fire Science and Fire Management in Hawaii and the US-Affiliated Pacific Islands	1	101,979
INTERIOR, DEPT-NATIONAL PARK SVC	Davianna Mcgregor	Ethnic Studies	Develop Oral Histories for National Park Service, Region 12	1	143,926
INTERIOR, DEPT-NATIONAL PARK SVC	Kenneth Kaneshiro	Pacific Biosciences Research Center	Continuing Partnerships to Foster Conservation Planning and Action Through the Hawaii Conservation Alliance	1	9,625
INTERIOR, DEPT-NATIONAL PARK SVC	Seth Quintus	Department of Anthropology	Honouliuli and World War II Valor in the Pacific National Monuments Cultural Resource Management Internships	1	23,255

### **ED-Dept of Education**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED	Anna Lydia Freymann Ah Sam	Student Equity Excel & Diversity	GEAR UP Manoa Partnership Project	1	960,000
EDUCATION, DEPT-FED	Christine Quemuel	Student Equity Excel & Diversity	Hawaii Island Educational Talent Search Program	1	277,374
EDUCATION, DEPT-FED	Chuan Chinn	Center on Disability Studies/University Affiliated Pgms	Hawaii Family Engagement Center (HFEC)	1	646,797
EDUCATION, DEPT-FED	Jennifer Pagala Barnett	Student Equity Excel & Diversity	Manoa Educational Talent Search Program	1	277,374
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 Wai'anae Coast	1	1,029,759
EDUCATION, DEPT-FED	Mark Levin	Center for Japanese Studies	Foreign Language and Area Studies Fellowships Program for East Asia at the University of Hawaii	1	332,622
EDUCATION, DEPT-FED	Sara Banks	Center on Disability Studies/University Affiliated Pgms	Ulu Ae Transitions Project	2	875,607

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
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	4,113,013
EDUCATION, DEPT-FED INTL & FOREIGN LANG ED	Alexander Dale Mawyer	Center for Pacific Islands Studies	National Resource Center (NRC) and Foreign Language and Area Studies (FLAS) Fellowships Program for Pacific Islands at the University of Hawaii	2	443,532
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 INTL & FOREIGN LANG ED	Miriam Stark	School of Pacific and Asian Studies	National Resource Center - University of Hawaii, Center for Southeast Asian Studies	1	284,718
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Ardis Eschenberg	Chancellor, Windward Community College	Kukulu 'Ohana: Building the Family	1	586,053
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Kaleialoha O Kamalu Lum-Ho	University College	Po'i Na Nalu Native Hawaiian CTE & STEM Pathways Project	1	435,118
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Keiki Kawaiaea	Hale Kuamo'o Center	Laupai Ae Ka Ike Kuamoo	1	950,000
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Keiki Kawaiaea	Ka Haka'Ula O Ke'Elikolani- UHH	E Hoi I Ke Kumu	3	1,105,219
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Keiki Kawaiaea	Ka Haka'Ula O Ke'Elikolani- UHH	I Mahuahua A'e, Strengthening Hawaii's Dual Language Teacher Training Pipeline	1	594,078
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Leslie Kimura	Imiloa Astronomy Center of Hawaii	Hawaii I Ke Alo: Forward Facing Hawaii	1	909,291
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Margaret Anna Sanchez	Chancellor, Kauai Community College	Mauo: The Perpetuation of Well-Being	1	598,930
EDUCATION, DEPT-FED OFC OF ELEM & SEC EDU	Walter Kahumoku	Chancellor, UH West Oahu	He Paepae Aloha: A Foundation of Caring	1	944,307
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ardis Eschenberg	Chancellor, Windward Community College	E Oi Mau: Increasing Knowledge Through Application	1	449,613
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ardis Eschenberg	Chancellor, Windward Community College	Kumuola "Caregivers of Life"	1	448,017

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	549,043
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ardis Eschenberg	Chancellor, Windward Community College	Na Pali Hauliuli O Ke Ko'olau: Growing Community Leaders	1	549,983
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Brandi Jean Nalani Balutski	Hawai'inuiakea School of Hawaiian Knowledge	Kapaakea: Engaging Hawaiian Research & Multi-Disciplinary Collaborations at the University of Hawaii at Manoa	1	545,284
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Carlos Ganesh Pen- aloza	Chancellor, Leeward Community College	E Ho'akea I Ke 'Ike: Extend the Vision	1	550,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Carlos Ganesh Pen- aloza	Chancellor, Leeward Community College	Matagi Olatia: Healing Winds	1	400,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Christine Quemuel	Student Equity Excel & Diversity	University of Hawaii at Manoa AANAPISI Project	1	300,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	David Napoleon	Chancellor, Kapiolani Community College	Huliamahi - Joining Together to Support Guided Pathways to Success: A Collaborative Partnership between Kapiolani Community College and the University of Hawaii at Manoa	1	445,698
EDUCATION, DEPT-FED OFC OF POSTSEC ED	David Napoleon	Chancellor, Kapiolani Community College	Kulia - Advancing Indigenous Scholars for Success	1	474,957
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ellen Kenolio	Chancellor, UH West Oahu	UHWO Gear Up	1	400,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Farrah-marie Kawailani Gomes	Upward Bound	UH Hilo Upward Bound Program-East	1	297,601
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Farrah-marie Kawailani Gomes	Upward Bound	UH Hilo Upward Bound Program-North	1	297,600
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Farrah-marie Kawailani Gomes	Upward Bound	UH Hilo Upward Bound Program-Urban	1	297,601
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Farrah-marie Kawailani Gomes	Upward Bound	UH Hilo Upward Bound Program-West	1	297,601
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Joseph Michael Daisy	Chancellor, Kauai Community College	Kukulu Ae: Growing Up and Out	1	548,379
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Kaheleonolani Dukelow	Chancellor, UH Maui College	Hokupaa: Charting the Pathway for Student Success	1	550,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Karen Lee	University College	Kukalahale: Building an Indigenous- Serving Institution through Professional Development	1	450,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Katrina-Ann Rose- Marie Kapaanakalaokeola Oliveira	Undergraduate Education	Mai 'O A 'O: Meeting the Needs of Native Hawaiian Educators and Students through Remote Learning Professional Development	1	547,950
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Louise Pagotto	Chancellor, Kapiolani Community College	Creating an Ecology for Innovation: Transformative Funds Management Strategies Through Shared Services Centers to Support Native Hawaiian Student Success	1	599,976
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Louise Pagotto	Chancellor, Kapiolani Community College	Kuloaa - Advancing Indigenous Innovators	1	449,945
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	Hulihia Center for Sustainable Systems	1	550,000
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	Kahua Hana	1	450,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Lui Hokoana	Chancellor, UH Maui College	Kupuohi I Ka La: Increasing Capacity for Continual Growth	1	500,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Lui Hokoana	Chancellor, UH Maui College	Puuhonua: Native Hawaiian Center - Phase 1	1	550,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Lui Hokoana	Chancellor, UH Maui College	UHMC Educational Opportunity Center	1	418,800
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Maenette Benham	Chancellor, UH West Oahu	Ho'opuliko Kumu Hou Educational Pathway Project	1	400,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Maenette Benham	Chancellor, UH West Oahu	Upena Moananuiakea: Establishing the Hub Pasifika to Empower Native Hawaiian Futures	1	550,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Puanani Ashley Kama	Chancellor, Windward Community College	Hoomau Hoomahuahua: "Continuing to Grow Multitudes"	1	90,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Rachel Hualani Loo	Chancellor, UH Hilo	E Halakau Ai Na Manu: Native Hawaiian Student Engagement and Support	1	547,087
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Rachel Hualani Loo	Chancellor, UH Hilo	Hoolana: Access and Enrollment, Retention and Graduation Success for Native Hawaiian Students	1	543,460
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Rachel Hualani Loo	Chancellor, UH Hilo	Kukulu: Strengthening Native Hawaiian Leadership by Building Retention and Graduation Efforts	1	448,680
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ronny T Umehira	Academic Affairs (Leeward CC)	Wa'a Kaulua:The Foundational Journey to Success	1	396,316
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Ardis Eschenberg	Chancellor, Windward Community College	Student Support Services Program	1	439,290
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Brandon Chun	Student Support Services	Kapiolani Community College's TRIO Student Support Services Program	1	383,728
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Leilani S L T Harjati	Student Equity Excel & Diversity	UHM Student Support Services	1	455,364
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Lui Hokoana	Chancellor, UH Maui College	Pai Ka Mana Student Support Services	1	293,417
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Shayna Kekamaokalani Fuerte	Vice Chancellor for Student Affairs	Student Support Services	1	347,566
EDUCATION, DEPT-FED TALENT SEARCH PGM	Koren Heniauimoana Chiyeko Uyemura Fiefia	Chancellor, Windward Community College	Talent Search- Honolulu	1	277,375
EDUCATION, DEPT-FED TALENT SEARCH PGM	Koren Heniauimoana Chiyeko Uyemura Fiefia	Chancellor, Windward Community College	Talent Search- Windward	1	277,375

#### Federal Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Dominic Estrella	Hawaii Commission for National and Community Service (HCNCS)	AmeriCorps Fixed Amount Grant (State)	1	357,600

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Dominic Estrella	Hawaii Commission for National and Community Service (HCNCS)	AmeriCorps State	1	366,443
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Dominic Estrella	Hawaii Commission for National and Community Service (HCNCS)	HCNCS State Commission Support Grant	1	150,000
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Dominic Estrella	Hawaii Commission for National and Community Service (HCNCS)	HCNCS Training and Technical Assistance (TTA) Commission Investment Fund	1	74,639
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Dominic Estrella	Hawaii Commission for National and Community Service (HCNCS)	HI State Com on National and Community Service - Competitive	1	800,831
Federal Communications Commission	Men-Jean Lee	Department of Obstetrics, Gynecology and Women's Health	COVID-19 Telehealth Program: Round 2	1	899,106
HOMELAND SECURITY, DEPT- FEMA	Karl Eujung Kim	Urban and Regional Planning	FEMA Region 10 EDAP Delivery: AWR-347 Climate Adaptation Planning for Emergency Management	1	5,932
HOMELAND SECURITY, DEPT- FEMA	Karl Eujung Kim	Urban and Regional Planning	FEMA Region 2 EDAP Delivery: AWR-347 Climate Adaptation Planning for Emergency Management	1	5,777
HOMELAND SECURITY, DEPT- FEMA	Karl Eujung Kim	Urban and Regional Planning	National Disaster Preparedness Training Center	1	5,000,000
PEACE CORPS	Atina Trajkoski Pascua	Undergraduate Education	Professional Campus Recruitment Services	1	35,824
Social Security Administration	Jared Lefolasa Kaoao Galeai	Center on Disability Studies/University Affiliated Pgms	Hawaii WIPA	1	155,000

#### Foreign

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN SAMOA, GOVERNMENT	Alethea K K Distajo Serna	Institute for Teacher Education	Territorial Teacher Training American Samoa Program (TTTAP): Bachelor of Education in Elementary Education Courses - 2021	1	238,655

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Auckland UniServices Limited	Jason Kevin Levy	Division of Public Administration	Blue and Green Technology Conference 2022	1	9,230
KOREA INSTITUTE OF OCEAN SCIENCE & TECHNOLOGY	Anita L Lopez	School of Ocean and Earth Science and Technology	Support of 2022 Seafloor Research on R/V ISABU	1	307,000
Marshall Islands National Weather Service Office	Christina Higa	Social Science Research Institute	Enhancing Disaster and Climate Resilience in the Republic of the Marshall Islands Through Improved Disaster Preparedness and Infrastructure	1	66,679

#### Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EAST WEST CENTER dba of CCTI b/w East and West, Inc.	Wendy Hisako Takahashi Sora	Vice Provost, Student Success	Student Employment Agreement with East West Center	1	1,092,074
Hanahauoli School	Amber Makaiau	Institute for Teacher Education	Professional Development School	1	26,298
Iolani School	Kenneth Kaneshiro	Pacific Biosciences Research Center	Support for STEM Activities at Iolani School Sullivan Center	1	55,440
KAMEHAMEHA SCHOOLS	Edward C Cashman	Hawai'inuiakea School of Hawaiian Knowledge	UH's Ka Papa Lo'i o Punalu'u's Program	1	145,750
KAMEHAMEHA SCHOOLS	Kamanamaikalani Beamer	Kamakakuokalani Center for Hawaiian Studies	UH Manoa Hawaiinuiakea School of Hawaiian Knowledge's Circular Economy and Aloha Aina GRAs Program	1	75,000
KAMEHAMEHA SCHOOLS	Kananinohea Makaimoku	Ka Haka'Ula O Ke'Elikolani- UHH	Kahuawaiola Indigenous Teacher Education Program	1	150,000
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	179,105
PAPA OLA LOKAHI	Joseph Kaholokula	Department of Native Hawaiian Health	Ulu Programs & Ulu Trainings: Addressing Cardiometabolic Conditions among Kanaka Oiwi (Na Makawai Project)	1	100,000
Wastewater Alternatives and Innovations	Maya Walton	Sea Grant College Program	E. Gordon Grau Coastal and Marine Resource Management Fellowship Program (Grau Fellowship)	1	92,000

#### Hawaii- Dept of Education

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
EDUCATION, DEPT-HI	Lisa B Radak	Health Sciences	To Provide a Pharmacy Technician Program at Aiea High School	1	30,000
EDUCATION, DEPT-HI	Lisa B Radak	Health Sciences	To Provide a Pharmacy Technician Program at McKinley High School	1	39,600
EDUCATION, DEPT-HI	Rebekah Rodericks	Office of Public Health Studies	To Provide School Nursing Needs Assessment	1	128,000
EDUCATION, DEPT-HI	Shawn Ford	Academic Affairs (KCC)	For Teachers of English to Speakers of Other Languages (TESOL) Coursework	1	178,100
EDUCATION, DEPT-HI	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	Support and Implement the 2019 Statewide Longitudinal Data System Grant - Data to Achieve Equity Project	1	254,280
EDUCATION, DEPT-HI	Susan Saka	Curriculum Research and Development Group	To Coordinate and Administer the Hawaii Youth Risk Behavior Survey	1	55,000

#### Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Andrea Kawabata	Hawaii County	Hawaii Coffee Producer Pesticide Education for the Management of Coffee Leaf Rust	1	28,226
AGRICULTURE, DEPT-HI AQUACULTURE DEV PGM	Lucinda Knapman	Sea Grant College Program	Aquaculture Permitting Website Development and Hosting	1	34,983
CITY & COUNTY HONOLULU	Christy-Ann M Nishita	Center on Aging	City's Age-Friendly Cities (AFC) Program	1	89,000
County of Hawaii Dept of Research and Development	Karen Pellegrin	Research	Kuleana Health Program	1	99,981
GOVERNOR, OFFICE OF-HI-EXEC OFFICE ON EARLY LEARNING	Robyn Stephanie Bobilin Chun	Department of Curriculum Studies	To Provide Support in the Administration of the Early Childhood Educator Stipend Program	1	160,000
HAWAIIAN HOME LANDS, DEPT- HI	Jeff L Goodwin	Cooperative Extension	Agricultural Education Program on Hawaii Island	1	300,000
HEALTH, DEPT-HI	Jennifer Tarnay	Center on Disability Studies/University Affiliated Pgms	Newborn Hearing Screening Program - One-Stop Parent Resource Center	1	34,756

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
HEALTH, DEPT-HI	Kelley Withy	Academic Affairs (ADAA)	COVID-19 Rural Equity for Advancing Community Health (REACH) Telehealth Pilot	1	200,000
HEALTH, DEPT-HI	Kelley Withy	Academic Affairs (ADAA)	Hawaii State Loan Repayment Program	1	100,000
HEALTH, DEPT-HI - ALCOHOL & DRUG ABUSE DIV	Clifford Bersamira	Thompson School of Social Work & Public Health	Substance Use Prevention and Treatment, Training and Workforce Development	1	800,000
HEALTH, DEPT-HI - ALCOHOL & DRUG ABUSE DIV	Katherine Yvonne Mary Burke	Department of Social Work	SAMHSA Disaster Response State Grant, Workforce Development Trainings	1	210,000
HEALTH, DEPT-HI - CHILD/ADOLESC MENTAL HLTH DIV	Daniel A Alicata	Department of Psychiatry	Psychiatry Services	1	495,367
HEALTH, DEPT-HI - CHRONIC DISEASE PREVENTION & HEALTH PROMOTION DIV	Meghan McGurk	Office of Public Health Studies	Community Health Workers for COVID-19 Response	1	619,500
HEALTH, DEPT-HI - CHRONIC DISEASE PREVENTION & HEALTH PROMOTION DIV	Michelle S Kim	Pharmacy Practice	Pharmacist Integration in Primary Care	1	34,000
HEALTH, DEPT-HI - CHRONIC DISEASE PREVENTION & HEALTH PROMOTION DIV	Rebekah Rodericks	Office of Public Health Studies	Disability Topics	1	39,931
HEALTH, DEPT-HI - CHRONIC DISEASE PREVENTION & HEALTH PROMOTION DIV	Rebekah Rodericks	Office of Public Health Studies	HHDW COVID-19 Reporting Enhancements	1	770,000
HEALTH, DEPT-HI - CHRONIC DISEASE PREVENTION & HEALTH PROMOTION DIV	Rebekah Rodericks	Office of Public Health Studies	Hawaii Cancer Plan 2030 Tracker Phase 2	1	31,533
HEALTH, DEPT-HI - FAMILY HLTH SVC DIV	Barbara Diane DeBaryshe	Center on the Family	WIC Needs Assessment	1	49,900
HEALTH, DEPT-HI – FAMILY HLTH SVC DIV	Kiriko Takahashi	Center on Disability Studies/University Affiliated Pgms	CSHN Assessment/Planning	1	49,900
HEALTH, DEPT-HI - FAMILY HLTH SVC DIV	Rebekah Rodericks	Office of Public Health Studies	Mental Health Data Tracker	1	49,417
HEALTH, DEPT-HI - MATERNAL AND CHILD HEALTH BRANCH	Jennifer Pagala Barnett	Women's Center	Statewide University of Hawaii Violence Prevention Task Force	1	18,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
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
HUMAN SERVICES, DEPT-OYS-HI	Cheryl Ramos	Social Sciences Division	Community-Based Truancy Prevention and In-School Suspension Program	1	100,000
JUDICIARY-HI	Dina Shek	William S. Richardson School of Law	University of Hawaii Medical-Legal Partnership in Hawai`i	1	38,249
JUDICIARY-HI	James Pietsch	William S. Richardson School of Law	University of Hawaii Elder Law Program	1	21,132
JUDICIARY-HI	Norman Hisao Okamura	Social Science Research Institute	Bureau of Justice Assistance (BJA)	1	33,000
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Maya Walton	Sea Grant College Program	2021 Grau Fellowship (DAR)	1	45,000
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	2022 Hawaii Wildlife Action Plan Support (EOY)	1	22,605
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	2022 Holomua Outreach Support (EOY)	1	29,788
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	2022 Supplementary Sanctuary and Monument Support	1	11,150
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Coral Production for Hanauma Bay - Year 1	1	57,000
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	DAR Aquaculture and Resource Enhancement Support (FY22)	1	56,649
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	East Hawaii Monitoring Coordination (FY22-EOY)	1	20,000
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Kapalama Coral Nursery Phase 3 of 3	1	200,000
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Outreach Support for Protected Species and Holomua (FY22-EOY)	1	82,966
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Stream Assessment and Monitoring Project (FY 2023)	1	97,000
LAND & NATURAL RES, DPT- AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Watershed Coordination and Heeia Research Support (FY22)	1	111,686

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
LAND & NATURAL RES, DPT- FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Landscape Scale Mosquito Control Project Coordination	1	78,050
LAND & NATURAL RES, DPT- FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Native Invertebrate Program: Picture- Wing Fly Rearing at University of Hawaii 2022-2023	1	23,300
LAND & NATURAL RES, DPT- FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Oahu Forestry and Wildlife Habitat Restoration and Management	1	140,000
LAND & NATURAL RES, DPT- FORST (DLNR)	Michael Hamnett	Social Science Research Institute	Native Ecosystems Research Support	1	73,324
LAND & NATURAL RES, DPT- FORST (DLNR)	Michael Melzer	Plant and Environmental Protection Sciences	Core Support for the Rapid Ohia Death (ROD) Statewide Outreach Specialist/Coordinator & Statewide Initiatives	1	37,000
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Kauai Watershed Protection and Management	1	431,457
LAND & NATURAL RESOURCES, DEPT (DLNR)	Robert Perkinson	Office of the Provost	Better Tomorrow Speaker Series Program	1	12,000
State of Hawaii, Office of Planning and Sustainable Development	Benjamin Lukey	UHM Uehiro Academy for Philosophy and Ethics in Education	HI State Office of Planning and Sustainable Development Buyout	1	49,171
TRANSPORTATION, DEPT-HI	Roger B Chen	Civil and Environmental Engineering	National Summer Transportation Institute (NSTI) - Pacific Summer Transportation Education Program (PAC- STEP)	1	49,973

#### Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Hawaii Pacific Health Medical Group	Kenneth Nakamura	Department of Pediatrics	Reimbursement Agreement No. SF23- HPHMG-PEDS	1	1,054,807
KALIHI-PALAMA HEALTH CENTER	Ivica Zalud	Department of Obstetrics, Gynecology and Women's Health	Faculty Support Agreement No. FSA23- KPHC-OBGYN	1	45,000
KAPIOLANI MED CTR FOR WOMEN & CHILDREN	Kenneth Nakamura	Department of Pediatrics	Reimbursement Agreement No. SF23- KMCWC-PEDS	1	466,772
KAPIOLANI MEDICAL SPECIALIST	Anthony Guerrero	Department of Psychiatry	Reimbursement Agreement No. SF23- KMS-PSYCH	1	375,373

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
KUAKINI MEDICAL CENTER	Kenric M Murayama	Department of Surgery	Reimbursement Agreement No. SF23- KUA-SURG	1	151,066
KUAKINI MEDICAL CENTER	Scott Kuwada	Department of Medicine	Reimbursement Agreement No. SF23- KUAKINI-MED	1	137,636
PACIFIC IN VITRO FERTILIZATION INSTITUTE	Ivica Zalud	Department of Obstetrics, Gynecology and Women's Health	Reimbursement Agreement No. SF23- PIVF-OBGYN-B	1	114,700
QUEEN'S MEDICAL CENTER	Scott Kuwada	Department of Medicine	Reimbursement Agreement No. SF23- QELC-MED	1	613,439
QUEEN'S MEDICAL CENTER	Scott Kuwada	Department of Medicine	Reimbursement Agreement No. SF23- QMC-MED	1	47,112
STRAUB CLINIC & HOSPITAL	Kenric M Murayama	Department of Surgery	Reimbursement Agreement No. SF23- STRAUB-SURG	1	55,149
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Jill Omori	Academic Affairs (ADAA)	Reimbursement Agreement No. SF23- UCERA-ADAA-OME	1	22,619
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Kamal Masaki	Department of Geriatric Medicine	Reimbursement Agreement No. SF23- UCERA-GERI	1	92,194

#### Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
American Association of University Women - Honolulu	Atina Trajkoski Pascua	Undergraduate Education	AAUW UH Mānoa Branch Student Coordinators AY2022-2023	1	12,000
GENERAL CONTRACTORS ASSOC HI EDUCATIONAL FOUNDATION	Brennon T Morioka	College of Engineering	Construction Management Program	1	184,693
Mid Atlantic Arts Foundation (INC)	Timothy Slaughter	Community Programs	An Engagement with Atamira Dance Company	1	7,355
North Shore Community Land Trust	Darren Lerner	Sea Grant College Program	Coastal Adaptation and Resilience Extension Agent - North Shore Community Land Trust	1	45,000
PARTNERS IN CARE - OAHU CONTINUUM OF CARE	John Barile	Psychology (UH Manoa)	Continuum of Care Research and Data Planning	1	60,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
Pacific Island Health Officers Association	Neal Palafox	Department of Family Medicine and Community Health	Evaluating the Expansion of Cervical Cancer Screening Coverage in the United States Affiliated Pacific Islands (USAPIs)	1	605,017
UNIVERSITY HAWAII FOUNDATION	Benjamin Lukey	UHM Uehiro Academy for Philosophy and Ethics in Education	UH Uehiro Academy for Philosophy and Ethics in Education	1	226,000
UNIVERSITY HAWAII FOUNDATION	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	College of Agriculture Enrichment	1	1,000
UNIVERSITY HAWAII FOUNDATION	Calvin Shirai	Chancellor, Kauai Community College	KauaiCC COGS Fund	1	5,000
UNIVERSITY HAWAII FOUNDATION	Camille Antoinette Nelson	William S. Richardson School of Law	General Support of the William S Richardson School of Law	1	60,000
UNIVERSITY HAWAII FOUNDATION	Camille Antoinette Nelson	William S. Richardson School of Law	Moot Court Competitions	1	14,250
UNIVERSITY HAWAII FOUNDATION	Carl Bonham	Social Science Research Institute	UHERO's Response to COVID-19	1	500,000
UNIVERSITY HAWAII FOUNDATION	Dawn Sueoka	Library (UH Manoa)	Processing the Neil Abercrombie Papers	1	2,041
UNIVERSITY HAWAII FOUNDATION	Dina Shek	William S. Richardson School of Law	Medical-Legal Partner Children	1	50,000
UNIVERSITY HAWAII FOUNDATION	Gertraud Maskarinec	University of Hawaii Cancer Center	Cancer Research Center of Hawaii Traineeship	1	36,900
UNIVERSITY HAWAII FOUNDATION	Janel Yamamoto	Cooperative Extension	GoFarm Hawaii - Am AgCredit	1	265,000
UNIVERSITY HAWAII FOUNDATION	Jill Omori	Academic Affairs (ADAA)	UHF Support-Kauai Rural Training Track Program	1	112,787
UNIVERSITY HAWAII FOUNDATION	Joe Ramos	University of Hawaii Cancer Center	EACH Fellows	1	1,625
UNIVERSITY HAWAII FOUNDATION	Kahikina K De Silva	Kawaihuelani Center for Hawaiian Language	Hawaii Pacific Foundation - I Hoa Na Moʻolelo	1	28,434
UNIVERSITY HAWAII FOUNDATION	Kamal Masaki	Department of Geriatric Medicine	Mini-Medical School on Healthy Aging	1	45,573
UNIVERSITY HAWAII FOUNDATION	Kamal Masaki	Department of Geriatric Medicine	UHF Support - Mini-Med School - Hinshaw	1	10,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Kara Miller	Theatre and Dance	Artist Residency for Korea National University of Arts Support	1	10,332
UNIVERSITY HAWAII FOUNDATION	Kathryn Lenzner Braun	Thompson School of Social Work & Public Health	Barbara Cox Anthony Aging Project	1	44,000
UNIVERSITY HAWAII FOUNDATION	Kerri Inglis	Social Sciences Division	Project Mohala - Stupski Fund	1	22,500
UNIVERSITY HAWAII FOUNDATION	Lui Hokoana	Chancellor, UH Maui College	Hulihia Sustainable Systems Center	1	20,450
UNIVERSITY HAWAII FOUNDATION	Makena Coffman	Vice Provost, Academic Excellence	Healy Institute for Sustainability	1	29,558
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	HML REMS v3.0 & XL AY 22-23	1	37,249
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	TMF HIMB	1	9,500
UNIVERSITY HAWAII FOUNDATION	Margaret Anna Sanchez	Chancellor, Kauai Community College	Startup Training and Resources to Inspire Veteran Entrepreneurship (STRIVE) Program	1	5,500
UNIVERSITY HAWAII FOUNDATION	Maria-Elena D Diaz	Continuing and Community Education	KS-Windward Community College – Family Childcare Essentials Program	2	57,000
UNIVERSITY HAWAII FOUNDATION	Markus Werner Wessendorf	Theatre and Dance	Chinese Theatre Fund	1	15,000
UNIVERSITY HAWAII FOUNDATION	Mehana Bailey Blaich Vaughan	Natural Resources and Environmental Mgt (NREM)	Hauʻoli Mau Loa Fellows - NREM AY22-24	1	78,852
UNIVERSITY HAWAII FOUNDATION	Michael B Kantar	Tropical Plant and Soil Science	Seed Trust	1	28,000
UNIVERSITY HAWAII FOUNDATION	Ralph Shohet	Department of Medicine	Center for Cardiovascular Research Personnel	1	85,000
UNIVERSITY HAWAII FOUNDATION	Raynette Haleamau- Kam	UH Center at West Hawai'i	HCF HawCC 13th Year Program Support	1	45,000
UNIVERSITY HAWAII FOUNDATION	Raynette Haleamau- Kam	UH Center at West Hawai'i	HCF Kukio-Elama Project 2021	1	35,439
UNIVERSITY HAWAII FOUNDATION	Rebecca Stotzer	Thompson School of Social Work & Public Health	Richard S. and T. Rose Takasaki Endowed Professorship in Social Policy	1	57,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Robert Littman	Dept of Languages and Literatures of Europe and the Americas	Hebrew Lecturer	2	6,002
UNIVERSITY HAWAII FOUNDATION	Robert Perkinson	Office of the Provost	Better Tomorrow Speaker Series	1	5,000
UNIVERSITY HAWAII FOUNDATION	Robert Perkinson	Office of the Provost	Better Tomorrow Speaker Series - HCF	1	11,500
UNIVERSITY HAWAII FOUNDATION	Robert Thomson	School of Life Sciences	Hau'oli Mau Loa Fellows - Botany AY22-24	1	31,284
UNIVERSITY HAWAII FOUNDATION	Robert Thomson	School of Life Sciences	Hau'oli Mau Loa Fellows- Botany AY21-23	1	31,284
UNIVERSITY HAWAII FOUNDATION	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	Denise B Evans Fellowship Fund in Oceanographic Research	1	13,042
UNIVERSITY HAWAII FOUNDATION	Shana Brown	College of Arts and Humanities	CKS Editor Course Release for C.H. Kim	1	6,000
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History	1	52,791
UNIVERSITY HAWAII FOUNDATION	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	Castle Core Support	1	50,000
UNIVERSITY HAWAII FOUNDATION	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	Stupski Pathways to Success	1	150,000
UNIVERSITY HAWAII FOUNDATION	Takashi Matsui	Department of Anatomy, Biochemistry, and Physiology	CCR Cardiovascular Science Personnel & Ancillary Costs	1	20,000
UNIVERSITY HAWAII FOUNDATION	Takashi Matsui	Department of Anatomy, Biochemistry, and Physiology	Yamamoto Anatomy Fund	1	100,000
UNIVERSITY HAWAII FOUNDATION	Tammi Jane Oyadomari-Chun	Office of the Vice President for Community Colleges	Hana Career Pathways in Healthcare - Ascendium	1	21,904
UNIVERSITY HAWAII FOUNDATION	Tammi Jane Oyadomari-Chun	Office of the Vice President for Community Colleges	Hana Career Pathways in Healthcare - HKLC	1	45,719
UNIVERSITY HAWAII FOUNDATION	Thomas Giambelluca	Water Resources Research Center	Richard Cox Student Support	1	25,500

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	College of Natural and Health Sciences	Hau'oli Mau Loa Fellow- UH Hilo Graduate Assistantship Fund	1	93,852
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	College of Natural and Health Sciences	Hau'oli Mau Loa Fellow-UH Hilo Graduate Assistantship Fund	1	93,853
UNIVERSITY HAWAII FOUNDATION	William Ward	Department of Anatomy, Biochemistry, and Physiology	IBR Gen Rsrch Suppt	1	45,000
University Health Partners	Gregory Maskarinec	John A. Burns School of Medicine	Reimbursement Agreement No. SF23- UCERA-ADAA-GLOBAL HLTH & INTL MED	1	22,590
University Health Partners	Kenneth Nakamura	Department of Pediatrics	Reimbursement Agreement No. SF23- UCERA-PEDS	1	36,356

#### Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
American Lightweight Materials Manufacturing Innovation	William Labby	Continuing Education and Workforce Dev	Operation Next	1	250,000
American Medical Association	Lee Buenconsejo- Lum	Academic Affairs (ADAA)	AMA Accelerating Change in Medical Education Initiative	1	30,000
Essential Access Health	Farrah-marie Kawailani Gomes	Vice Chancellor for Student Affairs	Title X Program	1	117,200
National Conference of State Legislatures	Maria Paula Unamuno de Adams	Curriculum Research and Development Group	Network Data Grant Contract	1	10,000
Pueblo of Jemez Department of Education	Keiki Kawaiaea	Ka Haka'Ula O Ke'Elikolani- UHH	Native American Language Teacher Preparation Programs	1	95,000
US Acute Care Solutions	Kenneth Nakamura	Department of Pediatrics	Reimbursement Agreement No. SF23- USACS-PEDS	1	10,101

#### Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN HEART ASSOCIATION	Michelle Diane Seidel	Department of Medicine	Role of Tcf21 in Inflammation and Fibroblast Activation After Myocardial Infarction	1	31,520

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
AMERICAN HEART ASSOCIATION	William Boisvert	Department of Medicine	Endothelial Endocytosis of LDL as Affected by Hyperlipidemia and Shear Stress	1	31,520

#### 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	Korean Flagship Program	1	700,000
INSTITUTE INTERNATIONAL EDUCATION	Song Jiang	Department of East Asian Languages and Literature	Chinese Flagship Program	1	325,000
Link Foundation	Michael W Krieg	Department of Ocean and Resources Engineering	A Hybrid-Class Autonomous Underwater Vehicle	1	34,000
NATIONAL FOUR-H COUNCIL (4- H)	Anna Magda Wieczorek	Office of The Assoc Dean for Academic and Student Affairs	4-H National Mentoring Program	1	44,733
WESTERN STATES ART FEDERATION (WESTAF)	Timothy Slaughter	Community Programs	University of Hawai'i Presents 2022-2023 Season	1	5,000
WGBH Educational Foundation	Janel Quirante	'Ulu'ulu Giugni Archives	American Archive of Public Broadcasting Preservation Fellowship	1	15,304

#### National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Craig Foreman	Institute for Astronomy	Satellite Laser Ranging Support Services for the Transportable Laser Ranging System (TLRS-4) at the University of Hawaii Haleakala High Altitude Observatories Maui, Hawai`i	1	600,431
NATIONAL AERONAUT & SPACE ADM	John Rayner	Institute for Astronomy	Operation of the Infrared Telescope Facility (IRTF) for NASA Headquarters	1	1,500,000

#### National Science Foundation

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Alexander Stokes	Department of Cell and Molecular Biology	Scholarship Project Supporting Undergraduate and Graduate Students at the Interface Between Biology and Data Science (STRIDE)	1	1,499,736
NATIONAL SCIENCE FOUNDATION	Anita L Lopez	School of Ocean and Earth Science and Technology	R/V Kilo Moana Ship Operations CY18-23	1	1,400,000
NATIONAL SCIENCE FOUNDATION	James Ferguson	University Marine Center/Ship Operations	Oceanographic Technical Support 2018-2022 - R/V Kilo Moana	2	762,054
NATIONAL SCIENCE FOUNDATION	Krystyna Aune	Graduate Education	Graduate Research Fellowship Program (GRFP)	3	1,335,887
NATIONAL SCIENCE FOUNDATION	Shadia R Habbal	Institute for Astronomy	FDSS: Solar and Space Physics Development at the Institute for Astronomy	1	308,367
NATIONAL SCIENCE FOUNDATION	Stephanie Diane Kraft-Terry	School of Life Sciences	REU Site: DNA-Based Discoveries in Hawaii's Biodiversity	1	58,285

#### **US Colleges and Universities**

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
ARIZONA, UNIVERSITY OF	Mark Thorne	Hawaii County	Expanding Extension Capacity Through RangeDocs: Searchable Rangeland Science	1	8,048
Iowa State University	Michael B Kantar	Tropical Plant and Soil Science	NIFA AG2PI Collaborative: Seeding the Future of Agricultural Genome to Phenome Research for Crops and Livestock	1	49,700
OREGON STATE UNIVERSITY	Sharon Aiko Motomura Wages	Hawaii County	Western Regional Center to Enhance Food Safety: Fostering Collaboration Through Continued Food Safety Education and Stakeholder Support	1	6,825
The Regents of the University of California	Douglas Anthony Simons	Institute for Astronomy	Building a STEM Workforce in Hawai'i to Support U.S. Astronomy Through Akamai	1	61,072
WASHINGTON STATE UNIVERSITY	Shannon Rae Sand	Hawaii County	Western Regional Agricultural Program WRASP	1	9,328

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
WASHINGTON, UNIVERSITY OF	Jonathan Young	Library (UH Manoa)	Malama i ka 'ikepili Caring for Data: Supporting Hawai'i's Research Data Needs Through a Library Data Services Program	1	24,999
Non-Research - Total			287	102,220,045	
Overall - Total			593	198,686,336	

#### 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	750
UNIVERSITY HAWAII FOUNDATION	Arindam Chakrabarti	Philosophy (UH Manoa)	Lenney Distinguished Professorship	1	26,700
UNIVERSITY HAWAII FOUNDATION	Carl Gustav Meyer	Hawaii Institute of Marine Biology (HIMB)	Shark Deterrent Identification and Research	1	1,760,000
UNIVERSITY HAWAII FOUNDATION	Christopher Baker	Kawaihuelani Center for Hawaiian Language	Na Kukulu o Kama	1	23,684
UNIVERSITY HAWAII FOUNDATION	Crawford R Drury	Hawaii Institute of Marine Biology (HIMB)	Coral Reef Assisted Evolution Research	1	940,000
UNIVERSITY HAWAII FOUNDATION	Elizabeth M P Madin	Hawaii Institute of Marine Biology (HIMB)	Elizabeth Madin: Assessing Coral Reef Halos	1	38,000
UNIVERSITY HAWAII FOUNDATION	John Rosa	History (UH Manoa)	Hawaiian Historical Research	1	11,100
UNIVERSITY HAWAII FOUNDATION	Kawika Bradford Winter	Hawaii Institute of Marine Biology (HIMB)	Ecomimicry and Indigenous Resource Management Research	1	743,000
UNIVERSITY HAWAII FOUNDATION	Mark Hixon	School of Life Sciences	Hsiao Endowed Chair	1	137,884
UNIVERSITY HAWAII FOUNDATION	Nathaniel Hudson Kingsley	Lyon Arboretum	HRPP Seed Conservation Lab	1	10,000
UNIVERSITY HAWAII FOUNDATION	Olivier Le Saux	Department of Cell and Molecular Biology	Molecular Mechanisms in Neurodegenerative Disorders Research	1	10,406
UNIVERSITY HAWAII FOUNDATION	Patrick V Kirch	Department of Anthropology	Kirch Graduate Research Assistant Support	1	25,379
UNIVERSITY HAWAII FOUNDATION	Philip M Garboden	Urban and Regional Planning	HCRC Distinguished Professors	1	12,500
UNIVERSITY HAWAII FOUNDATION	Robert Toonen	Hawaii Institute of Marine Biology (HIMB)	Ocean Health Gift: Designer Coral Reefs Research	1	987,000
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	Sen Chair	1	52,791
UNIVERSITY HAWAII FOUNDATION	Shaya Honarvar	Pacific Cooperative Studies Unit	Hauoli Mau Loa Fdn - CGAPS Capacity Support 2022-2023	1	93,900

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Stefan Moisyadi	Department of Anatomy, Biochemistry, and Physiology	B.H. & Alice Beams Professorship in Cancer Research #1	1	10,000
UNIVERSITY HAWAII FOUNDATION	Ty Tengan	Ethnic Studies	Lahainaluna Boarder Oral History	1	26,669
UNIVERSITY HAWAII FOUNDATION	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	UHF - Infectious Diseases Research Support	1	12,000
Research - Total				19	4,921,763

#### Non-Research

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Benjamin Lukey	UHM Uehiro Academy for Philosophy and Ethics in Education	UH Uehiro Academy for Philosophy and Ethics in Education	1	226,000
UNIVERSITY HAWAII FOUNDATION	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	College of Agriculture Enrichment	1	1,000
UNIVERSITY HAWAII FOUNDATION	Calvin Shirai	Chancellor, Kauai Community College	KauaiCC COGS Fund	1	5,000
UNIVERSITY HAWAII FOUNDATION	Camille Antoinette Nelson	William S. Richardson School of Law	General Support of the William S Richardson School of Law	1	60,000
UNIVERSITY HAWAII FOUNDATION	Camille Antoinette Nelson	William S. Richardson School of Law	Moot Court Competitions	1	14,250
UNIVERSITY HAWAII FOUNDATION	Carl Bonham	Social Science Research Institute	UHERO's Response to COVID-19	1	500,000
UNIVERSITY HAWAII FOUNDATION	Dawn Sueoka	Library (UH Manoa)	Processing the Neil Abercrombie Papers	1	2,041
UNIVERSITY HAWAII FOUNDATION	Dina Shek	William S. Richardson School of Law	Medical-Legal Partner Children	1	50,000
UNIVERSITY HAWAII FOUNDATION	Gertraud Maskarinec	University of Hawaii Cancer Center	Cancer Research Center of Hawaii Traineeship	1	36,900
UNIVERSITY HAWAII FOUNDATION	Janel Yamamoto	Cooperative Extension	GoFarm Hawaii - Am AgCredit	1	265,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Jill Omori	Academic Affairs (ADAA)	UHF Support-Kauai Rural Training Track Program	1	112,787
UNIVERSITY HAWAII FOUNDATION	Joe Ramos	University of Hawaii Cancer Center	EACH Fellows	1	1,625
UNIVERSITY HAWAII FOUNDATION	Kahikina K De Silva	Kawaihuelani Center for Hawaiian Language	Hawaii Pacific Foundation - I Hoa Na Moʻolelo	1	28,434
UNIVERSITY HAWAII FOUNDATION	Kamal Masaki	Department of Geriatric Medicine	Mini-Medical School on Healthy Aging	1	45,573
UNIVERSITY HAWAII FOUNDATION	Kamal Masaki	Department of Geriatric Medicine	UHF Support - Mini-Med School - Hinshaw	1	10,000
UNIVERSITY HAWAII FOUNDATION	Kara Miller	Theatre and Dance	Artist Residency for Korea National University of Arts Support	1	10,332
UNIVERSITY HAWAII FOUNDATION	Kathryn Lenzner Braun	Thompson School of Social Work & Public Health	Barbara Cox Anthony Aging Project	1	44,000
UNIVERSITY HAWAII FOUNDATION	Kerri Inglis	Social Sciences Division	Project Mohala - Stupski Fund	1	22,500
UNIVERSITY HAWAII FOUNDATION	Lui Hokoana	Chancellor, UH Maui College	Hulihia Sustainable Systems Center	1	20,450
UNIVERSITY HAWAII FOUNDATION	Makena Coffman	Vice Provost, Academic Excellence	Healy Institute for Sustainability	1	29,558
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	HML REMS v3.0 & XL AY 22-23	1	37,249
UNIVERSITY HAWAII FOUNDATION	Malia Ana Jacqueline Rivera	Hawaii Institute of Marine Biology (HIMB)	TMF HIMB	1	9,500
UNIVERSITY HAWAII FOUNDATION	Margaret Anna Sanchez	Chancellor, Kauai Community College	Startup Training and Resources to Inspire Veteran Entrepreneurship (STRIVE) Program	1	5,500
UNIVERSITY HAWAII FOUNDATION	Maria-Elena D Diaz	Continuing and Community Education	KS-Windward Community College – Family Childcare Essentials Program	2	57,000
UNIVERSITY HAWAII FOUNDATION	Markus Werner Wessendorf	Theatre and Dance	Chinese Theatre Fund	1	15,000
UNIVERSITY HAWAII FOUNDATION	Mehana Bailey Blaich Vaughan	Natural Resources and Environmental Mgt (NREM)	Hauʻoli Mau Loa Fellows - NREM AY22-24	1	78,852

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Michael B Kantar	Tropical Plant and Soil Science	Seed Trust	1	28,000
UNIVERSITY HAWAII FOUNDATION	Ralph Shohet	Department of Medicine	Center for Cardiovascular Research Personnel	1	85,000
UNIVERSITY HAWAII FOUNDATION	Raynette Haleamau- Kam	UH Center at West Hawai'i	HCF HawCC 13th Year Program Support	1	45,000
UNIVERSITY HAWAII FOUNDATION	Raynette Haleamau- Kam	UH Center at West Hawai'i	HCF Kukio-Elama Project 2021	1	35,439
UNIVERSITY HAWAII FOUNDATION	Rebecca Stotzer	Thompson School of Social Work & Public Health	Richard S. and T. Rose Takasaki Endowed Professorship in Social Policy	1	57,000
UNIVERSITY HAWAII FOUNDATION	Robert Littman	Dept of Languages and Literatures of Europe and the Americas	Hebrew Lecturer	2	6.002
UNIVERSITY HAWAII FOUNDATION	Robert Perkinson	Office of the Provost	Better Tomorrow Speaker Series	1	5,000
UNIVERSITY HAWAII FOUNDATION	Robert Perkinson	Office of the Provost	Better Tomorrow Speaker Series - HCF	1	11,500
UNIVERSITY HAWAII FOUNDATION	Robert Thomson	School of Life Sciences	Hau'oli Mau Loa Fellows - Botany AY22-24	1	31,284
UNIVERSITY HAWAII FOUNDATION	Robert Thomson	School of Life Sciences	Hau'oli Mau Loa Fellows- Botany AY21-23	1	31,284
UNIVERSITY HAWAII FOUNDATION	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	Denise B Evans Fellowship Fund in Oceanographic Research	1	13,042
UNIVERSITY HAWAII FOUNDATION	Shana Brown	College of Arts and Humanities	CKS Editor Course Release for C.H. Kim	1	6,000
UNIVERSITY HAWAII FOUNDATION	Shana Brown	History (UH Manoa)	The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History	1	52,791
UNIVERSITY HAWAII FOUNDATION	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	Castle Core Support	1	50,000
UNIVERSITY HAWAII FOUNDATION	Stephen A Schatz	Hawai'i P-20 Partnerships for Education Office	Stupski Pathways to Success	1	150,000

Award Sponsor	PI Name	Department	Title	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Takashi Matsui	Department of Anatomy, Biochemistry, and Physiology	CCR Cardiovascular Science Personnel & Ancillary Costs	1	20,000
UNIVERSITY HAWAII FOUNDATION	Takashi Matsui	Department of Anatomy, Biochemistry, and Physiology	Yamamoto Anatomy Fund	1	100,000
UNIVERSITY HAWAII FOUNDATION	Tammi Jane Oyadomari-Chun	Office of the Vice President for Community Colleges	Hana Career Pathways in Healthcare - Ascendium	1	21,904
UNIVERSITY HAWAII FOUNDATION	Tammi Jane Oyadomari-Chun	Office of the Vice President for Community Colleges	Hana Career Pathways in Healthcare - HKLC	1	45,719
UNIVERSITY HAWAII FOUNDATION	Thomas Giambelluca	Water Resources Research Center	Richard Cox Student Support	1	25,500
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	College of Natural and Health Sciences	Hau'oli Mau Loa Fellow- UH Hilo Graduate Assistantship Fund	1	93,852
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	College of Natural and Health Sciences	Hau'oli Mau Loa Fellow-UH Hilo Graduate Assistantship Fund	1	93,853
UNIVERSITY HAWAII FOUNDATION	William Ward	Department of Anatomy, Biochemistry, and Physiology	IBR Gen Rsrch Suppt	1	45,000
Non-Research - Total	Non-Research - Total			51	2,741,721
Overall - Total			70	7,663,484	

### Extramural Research Awards for the Period Jul 1, 2022 to Sep 30, 2022 Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DOD-Department of Defense	26	24,898,216	26%
ED-Dept of Education	1	950,011	1%
US Colleges and Universities	25	2,556,191	3%
Hawaii- Government Agencies	28	8,659,137	9%
DOC-Dept of Commerce	43	12,217,514	13%
Dept of State	1	750,000	1%
Hawaii- Business and Other	7	1,453,305	2%
DOI-Dept of Interior	23	3,984,426	4%
Hawaii- Non-Profit Organizations	28	5,379,898	6%
DHHS-Dept of Health and Human Services	22	12,861,743	13%
National Science Foundation	35	11,892,164	12%
National Aeronautics and Space Administration	12	2,825,060	3%
Foreign	6	921,354	1%
Mainland- Health Organizations	3	284,407	0%
Hawaii- Health Organizations	1	75,178	0%
Mainland- Non-Profit Organizations	6	1,049,139	1%
Mainland- Business and Other	16	1,450,205	2%
DOE-Dept of Energy	2	373,548	0%
DA-Dept of Agriculture	21	3,884,795	4%
Overall - Total	306	96,466,291	100%

### Extramural Non-Research Awards for the Period Jul 1, 2022 to Sep 30, 2022 Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
Hawaii- Government Agencies	46	6,127,262	6%
Hawaii- Business and Other	9	1,915,667	2%
DOC-Dept of Commerce	15	21,968,414	21%
Federal Agencies	11	7,851,152	8%
Mainland- Health Organizations	2	63,040	0%
DHHS-Dept of Health and Human Services	15	5,980,902	6%
National Science Foundation	9	5,364,329	5%
National Aeronautics and Space Administration	2	2,100,431	2%
DOD-Department of Defense	3	5,738,529	6%
Mainland- Business and Other	6	512,301	1%
Hawaii- Dept of Education	6	684,980	1%
US Colleges and Universities	6	159,972	0%
Foreign	4	621,564	1%
Hawaii- Non-Profit Organizations	59	3,714,732	4%
DOI-Dept of Interior	4	278,785	0%
Hawaii- Health Organizations	12	3,175,867	3%
DA-Dept of Agriculture	7	747,923	1%
Mainland- Non-Profit Organizations	6	1,124,037	1%
ED-Dept of Education	65	34,090,158	33%
Overall - Total	287	102,220,045	100%

### Year to Date Extramural Research Awards Jul 1, 2022 to Sep 30, 2022 Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DOI-Dept of Interior	23	3,984,413	4%
ED-Dept of Education	1	950,011	1%
DOC-Dept of Commerce	43	12,217,514	13%
Mainland- Business and Other	16	1,427,709	1%
Hawaii- Business and Other	7	1,389,575	1%
DHHS-Dept of Health and Human Services	22	12,861,743	14%
DOE-Dept of Energy	2	373,548	0%
National Science Foundation	35	11,892,164	12%
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Mainland- Health Organizations	3	284,407	0%
Dept of State	1	750,000	1%
DA-Dept of Agriculture	21	3,884,795	4%
Hawaii- Government Agencies	28	8,409,137	9%
DOD-Department of Defense	26	23,996,469	25%
Mainland- Non-Profit Organizations	6	1,049,139	1%
Hawaii- Non-Profit Organizations	28	5,367,952	6%
Hawaii- Health Organizations	1	75,178	0%
National Aeronautics and Space Administration	12	2,825,060	3%
Overall - Total	306	95,216,359	100%

### Year to Date Extramural Non-Research Awards Jul 1, 2022 to Sep 30, 2022 Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DOD-Department of Defense	3	5,738,529	6%
National Science Foundation	9	5,364,329	5%
Mainland- Health Organizations	2	63,040	0%
DOI-Dept of Interior	4	278,785	0%
Foreign	4	621,564	1%
DA-Dept of Agriculture	7	721,151	1%
Hawaii- Dept of Education	6	684,980	1%
US Colleges and Universities	6	159,972	0%
Hawaii- Non-Profit Organizations	59	3,651,805	4%
DOC-Dept of Commerce	15	21,968,414	22%
Mainland- Non-Profit Organizations	6	1,124,037	1%
Hawaii- Government Agencies	46	6,127,262	6%
Mainland- Business and Other	6	512,245	1%
Federal Agencies	11	7,851,152	8%
ED-Dept of Education	65	34,090,158	33%
Hawaii- Business and Other	9	1,825,975	2%
Hawaii- Health Organizations	12	3,175,867	3%
DHHS-Dept of Health and Human Services	15	5,884,392	6%
National Aeronautics and Space Administration	2	2,100,431	2%
Overall - Total	287	101,944,088	100%