

Region	Proposal Number	Applicant	Project Title	Funding Priority	Amount
AKRO	22AKR003-007	Saltwater Inc.	Kachemak Bay Kelp Processing & Distribution Hub: Removing a Bottleneck to Growth in the Alaska Seaweed Industry	Promotion, Development and Marketing	\$297,563.00
AKRO	22AKR002-014	Alaska Bering Sea Crabbers	Increasing Consumer Awareness of and Confidence in the Sustainability of Alaska's Crab Fisheries	Promotion, Development and Marketing	\$234,401.00
AKRO	22AKR007-010	Alaska Department of Fish and Game	Stock Assessment of Giant Red Sea Cucumber (<i>Apostichopus californicus</i>) in Prince William Sound to Determine the Potential for a Commercial Fishery.	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$257,912.00
GARFO	22GAR044-100	Virginia Institute of Marine Science	Characterizing the role of toxic phytoplankton byproducts in shellfish hatchery failures	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,934.00
GARFO	22GAR035-098	Virginia Institute of Marine Science	Biotechnology to enhance oyster seed production in shellfish aquaculture industries	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,857.00

GARFO	22GAR034-099	Virginia Institute of Marine Science	Virginia coast bay scallops, <i>Argopecten irradians</i> : aquaculture and wild restoration	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,238.00
GARFO	22GAR036-103	Virginia Institute of Marine Science	A transcriptomic study of the differential stress response between diploid and triploid eastern oyster <i>Crassostrea virginica</i> , and its potential involvement in triploid mortality	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,995.00
GARFO	22GAR018-018	University of Maine System acting through the Univ. of Maine	Community Science to Support Sustainable and Local Seafood Production in Maine	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$281,653.00
GARFO	22GAR039-024	University of Maine System acting through the Univ. of Maine	Probiotics to improve sea scallop (<i>Placopecten magellanicus</i>) hatchery success	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,992.00
GARFO	22GAR050-055	Virginia Institute of Marine Science	Influence of selective breeding on human pathogenic <i>Vibrio</i> spp. in eastern oysters	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,718.00
GARFO	22GAR047-077	Cornell Cooperative Extension of Suffolk County	A Regional Effort to Increase Monkfish Domestic Demand Through Product Development and Audience Expansion	Promotion, Development and Marketing	\$182,076.00

GARFO	22GAR007-012	Cape Cod Commercial Fishermen's Alliance Inc	Meet the Fleet: Expanding domestic seafood consumption by connecting the public and fishing communities	Promotion, Development and Marketing	\$147,862.00
GARFO	22GAR013-082	Gulf of Maine Research Institute	Building Awareness and Demand for Gulf of Maine Seafood through Business Partnerships	Promotion, Development and Marketing	\$296,713.00
GARFO	22GAR040-097	SMELTS Sea Mammal Education Learning Technology Society	Fishing SMELTS' Lift Bag Ropeless/Buoyless Gear in the Gulf of Maine with Commercial Fishermen	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$297,217.00
GARFO	22GAR009-011	Downeast Institute for Applied Marine Research & Education	An examination of softshell clam, <i>Mya arenaria</i> L., fecundity along the Maine coast: the influence of clam size, tidal height, season, and geographic region	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$300,000.00
GARFO	22GAR023-086	University of Massachusetts Dartmouth	Incorporating Markets into Models: Charting the Pathways to Resilience in New England Seafood Supply Chains	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$286,302.00
PIRO	22PIR001-013	Oceanic Institute of Hawaii Pacific University	Development of an Integrated Multitrophic Aquaculture System to Restore Hawaii's Vulnerable Limu (Seaweed) Populations	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$187,669.00

PIRO	22PIR006-026	Ocean Era, Inc.	Most likely to succeed: demonstrating commercial viability of Hawaiian snapper	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,890.00
PIRO	22PIR005-007	Kuaaina Ulu Auamo	Collective Grassroots Pathways Toward Restorative Aquaculture: Removing Invasives and Bringing Back Native Species	Promotion, Development and Marketing	\$131,232.00
PIRO	22PIR009-016	Pacific Islands Fisheries Group	Development, promotion and marketing of locally caught Alfonsin in Hawaii's seafood market and restaurants	Promotion, Development and Marketing	\$163,156.40
PIRO	22PIR008-015	Pacific Islands Fisheries Group	Development of Mariana Islands Ika and Monchong Fishery	Promotion, Development and Marketing	\$229,702.00
PIRO	22PIR013-027	Mariana Islands Nature Alliance (MINA)	Optimizing economic benefits for fishing communities across the Pacific by enhancing artisanal pelagic fishing through Smart-aFAD networks	Promotion, Development and Marketing	\$161,000.00
PIRO	22PIR012-006	University of Hawaii	Collaborative Fishing Community Assessment for Sustainable Management of the Coral Reef Fishery in the Commonwealth of the Northern Mariana Islands	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$269,329.00

PIRO	22PIRO15-025	University of Hawaii	Mitigating shark depredation in Guam fisheries	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$251,799.00
SERO	22SER008-037	Florida Atlantic University	A Production-Scale Queen Conch Hatchery at the Naguabo Fishing Association for Region Wide Growout of Sustainable Seafood in Puerto Rico	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,140.00
SERO	22SER002-042	Marine Environmental Sciences Consortium	Preadapting oysters to multiple stressors through predator exposure in nurseries	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$297,196.00
SERO	22SER028-052	Auburn University	Empowering growers while growing capacity: Research, testing, and training to address microbiological impediments on shellfish aquaculture	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,907.00
SERO	22SER003-017	Quintessence Marine	From Problem to Opportunity Creation of a Robust Nontraditional Market for Lionfish Byproducts and Protecting U.S. Fish Stocks from the Invasive Lionfish	Promotion, Development and Marketing	\$299,500.00
SERO	22SER004-033	Southeastern SeaProducts Inc.	Hybridization in Clams to Achieve Efficiency and Larger Markets	Promotion, Development and Marketing	\$294,312.80

SERO	22SER029-031	Live Advantage Bait LLC	Economic Evaluation of Four Shellfish Species to determine Aquaculture Commercial Viability, Break-even Values, and Risk Assessment	Promotion, Development and Marketing	\$300,000.00
SERO	22SER014-066	Sustainable Seas Technology, INC	Whale-Safe Alternatives to Closures of Black Sea Bass Pot Gear in the Southeast US	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$299,999.00
SERO	22SER005-035	North Carolina State University	Demonstrating effectiveness of a microprocessor-based shark bycatch reduction device (BRD) in longline fisheries using an academic-industry partnership	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$263,283.00
SERO	22SER016-068	The Florida International University Board of Trustees	A novel trap accessory that reduces bycatch and marine debris while improving lost trap recovery	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$291,932.00
SERO	22SER031-006	Mote Marine Laboratory, Inc.	Ensuring new shark regulations in Puerto Rico lead to a sustainable fishery and accurate landings data in a data poor region	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$234,827.00
SERO	22SER030-045	University of South Carolina	Maximizing utility of eye lens core isotopic information for fisheries management: ageing validation, natal origins, and ontogenetic habitat shifts of reef fishes across the southeastern U.S.	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$299,962.00

WCRO	22WCR020-032	Kashia Band of Pomo Indians of the Stewarts Point Rancheria	Developing Domestic Formulated Feeds and Sea Cucumber Polyculture Integration in California Abalone Aquaculture	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,984.00
WCRO	22WCR011-015	Holdfast Aquaculture LLC	Developing the native California Mussel (<i>Mytilus californianus</i>) as a new aquaculture product.	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$300,000.00
WCRO	22WCR016-039	San Jose State University Research Foundation	Examining the capacity of seaweed and shellfish co-culture to improve the physiology, biomechanics, and outplanting of farmed juvenile abalone and oysters	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting (Aquaculture)	\$299,663.00
WCRO	22WCR017-040	Family Resource Center of the Redwoods	Del Norte Sea to Market Fish Landing Facilities and Local Fishery Development, Marketing, and Promotion	Promotion, Development and Marketing	\$278,196.00
WCRO	22WCR006-005	Positively Groundfish	A retail-focused marketing outreach and training program and a supporting market research program designed to increase sales of underutilized West Coast Groundfish species in domestic grocery retail.	Promotion, Development and Marketing	\$299,870.00
WCRO	22WCR002-006	Sub Sea Sonics, LLC	Development and Demonstration of Economically Viable Ropeless Fishing Systems for Single-Line Trap Fisheries	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$243,051.00

WCRO	22WCR001-008	CWPA (California Wetfish Producers Association)	Investigating seasonal nearshore dynamics of Pacific sardine in California	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$298,473.00
WCRO	22WCR014-001	Nereus Laboratories, Inc.	Development of Chemosensory-based Control Methods to Reduce the Losses of Commercial Oyster Stocks by Oyster Drills	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$297,500.00
WCRO	22WCR010-034	Western Washington University	Sustaining long-term yield of the Puget Sound Dungeness crab fishery by accounting for complex mixed-stock population structure	Science or Technology that Promotes Sustainable U.S. Seafood Production and Harvesting	\$298,657.00