

2010 NOAA Sea Grant Aquaculture NSI selected proposals

Sea Grant College Program	Investigator	Investigator affiliation	Project Title	Total Anticipated Federal Share	FY10 Federal Share
AK	Eckert	University of Alaska, Fairbanks	Red King Crab Aquaculture in Alaska - Release Strategies and Critical Ecosystem Interactions	\$303,359	\$303,359
CA	Hedgecock	The Regents of the University of California, San Diego	Genomically Enabled Crossbreeding to Improve Yields of Farmed Pacific Oysters	\$393,862	\$159,686
FL	Baker	University of Florida	Preparing for Climate Change: Increasing Hard Clam Production in the So. Eastern U.S.	\$343,633	\$168,953
FL	Main	University of Florida	Evaluating performance of pilot and commercial wastewater systems associated with inland production of high-value marine fish.	\$400,000	\$219,752
HI	Haws	University of Hawaii	Laying the Foundation for Integrated, Multi-trophic Coastal Aquaculture in Hawaii	\$282,222	\$141,111
LA	LaPeyre	Louisiana State University	Evaluation of oyster stocks and grow-out methodologies for commercial production of eastern oysters in Gulf of Mexico estuaries	\$296,720	\$191,686
MD	Newell	University of Maryland, Center for Environmental Science	Predicting spatial impacts of bivalve aquaculture on nutrient cycling and benthic habitat quality	\$398,325	\$228,461
MD	Zohar	University of Maryland, Center for Environmental Science	Developing sustainable year-round captive spawning technologies for a new aquaculture species, <i>Seriola dumerili</i>	\$399,967	\$200,561
ME	Bricknell	University of Maine	The Aquatic Animal Health Ecology of an Industry Deployed Integrated Multi-trophic Aquaculture System	\$399,544	\$238,302
MS	Blaylock	University of Southern Mississippi	An Engineered Multi-Trophic Approach to Minimizing Effluent Impacts from Marine Recirculating Aquaculture Systems	\$399,496	\$399,496
MS	Arias	University of Southern Mississippi	Eliminating human-pathogenic <i>Vibrio vulnificus</i> from Gulf Coast Oysters with high salinity depuration	\$122,275	\$60,476
NH	Fairchild	University System of New Hampshire	Developing Enhancement Program	\$308,285	\$113,790
TX	Gatlin	Texas A&M University	Advancing fishmeal replacement in diets of marine fish for enhanced production efficiency, health and product quality	\$294,836	\$142,495
VA	Allen	Virginia Institute of Marine Science	Improvements in triploid <i>C. virginica</i> production: Phase I -- characterizing the diploid parent	\$340,608	\$161,931
VA	Reece	Virginia Institute of Marine Science	Evaluation of molecular techniques for sensitive detection of pathenogenic human norovirus in bivalve shellfish	\$367,188	\$182,428
WA	CanBlaricom	University of Washington	Community and multi-trophic implications of structure additions associated with intertidal geoduck aquaculture	\$397,672	\$85,320
WA	Cheney	University of Washington	West Coast Shellfish Aquaculture-Economic Impacts, Barriers to Entry, and Opportunities for Expanded Production	\$100,997	\$52,162
WI	Hartlieb	University of Wisconsin System	GIS-Based Analysis of Sustainable Domestic Aquaculture Development in Wisconsin	\$200,031	\$200,031