



United States Department of Commerce
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
1315 East-West Highway
Silver Spring, MD 20910

THE DIRECTOR

January 24, 2003

TO WHOM IT MAY CONCERN

FROM: William T. Hogarth, Ph.D.

SUBJECT: FY 2002 Saltonstall-Kennedy (S-K) Funding Recommendations

NOAA Fisheries received 122 proposals requesting over \$24 million in response to the FY 2002 solicitation for S-K grant applications.

Forty-six proposals have been recommended for funding at a total of over \$7.6 million. These include 12 proposals at a total of about \$2.5 million that address priority A, Atlantic Salmon Aquaculture Development Considering the Endangered Species Status of Atlantic Salmon. These 12 proposals are listed in Attachment 1. Attachment 2 lists the 34 proposals submitted under the other funding priorities (B-F) that were recommended for funding, by Fisheries Region. (The funding priorities are listed in Attachment 3.)

For FY 2002, \$5 million of the expected amount available for projects was dedicated solely to proposals under Priority A; therefore, these proposals were considered separately in the competitive process from proposals submitted under Priorities B through F. Since we did not receive sufficient proposals with technical merit to fully expend the \$5 million dedicated to Priority A, we will carry the remaining funds over and solicit for proposals under this priority in the next S-K solicitation.

Work on the 46 new projects will begin following successful grant negotiations and administrative clearance of the awards by the Department of Commerce. The amounts indicated for projects may change as a result of these negotiations.

Attachments

**THE ASSISTANT ADMINISTRATOR
FOR FISHERIES**



CFDA: 11.427 - Sub Program: Competitive - RFP: FY 2002A

<u>Region</u>	<u>Project</u>	<u>Project Title</u>	<u>Applicant</u>	<u>Federal Funds Recommended</u>
NE	Colorado			
	02-NER-039	Development of a Reverse Genetics System to Produce Live, Attenuated Infectious Salmon Anemia Virus (ISAV) Vaccine Candidates	Pisces Molecular LLC	\$252,834
	Maine			
	02-NER-002	Environmental Monitoring for Infectious Salmon Anemia Virus (ISAV) In and Around Atlantic Salmon Marine Aquaculture Sites	Micro Technologies, Inc.	\$134,019
	02-NER-055	Tracking Experimentally Released Escaped Farmed Salmon in the Bay of Fundy Region to Determine Recapture Feasibility and Potential Interactions with Wild Atlantic Salmon	Atlantic Salmon Federation, Inc.	\$227,020
	02-NER-004	Whole Killed ISA Virus Vaccine	Maine BioTek, Inc	\$157,591
	02-NER-032	Evaluation of LiftUp System in the Mitigation of Environmental and Fish Disease Impacts in Net-Pen Aquaculture	MER Assessment Corporation	\$110,704
	02-NER-037	Atlantic Salmon Aquaculture Considering Endangered Status of Atlantic Salmon and Clean Water Act	University of Southern Maine	\$76,204
	02-NER-026	Development of Three Rapid, Sensitive Reproducible Blood Tests for the Detection of Infectious Salmon Anemia Virus	Capricorn Products, Incorporated	\$420,784
	Maryland			
	02-NER-021	Ensuring Biosecurity in the Atlantic Salmon Farming Industry Through a Novel Approach to Inducing Sterility: Disrupting Establishment of the GnRH System	University of Maryland Biotechnology Institute	\$159,484
	02-NER-029	Ultrasound Mediated Delivery of Vaccines for Aquaculture	University of Maryland Biotechnology Institute	\$150,079
	02-NER-030	Novel Oral Vaccine for Infectious Salmon Anemia	Advanced BioNutrition Corporation	\$190,400
Massachusetts				
02-NER-048	The Use of Acoustic Conditioning to Reduce the Impact of Escapement in Atlantic Salmon Net Pen Aquaculture	New England Aquarium Corporation	\$128,845	

Proposals Recommended for Funding

(with Accounting Codes and State Reference)

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<u>Region</u>	<u>Project</u>	<u>Project Title</u>	<u>Applicant</u>	<u>Federal Funds Recommended</u>
NE	New Hampshire			
	02-NER-036	Engineering Design and Analysis for More Secure Salmon Net Pen Systems	University of New Hampshire	\$491,865
Total for NE Region:				\$2,499,829
Grand Total:				\$2,499,829

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AK	Alaska			
	02-AKR-013	Economic & Resource Full Utilization of the Seafood Processing Waste Stream: Discards, Underutilized Species, Byproducts & Carcasses through Conversion into High Value Organic Composts on an Industrial Scale Operation.	Kake Foods, Inc	\$180,634
	02-AKR-005	Community Impact Analysis of Alternatives to Restructure the Bristol Bay Salmon Fishery	Bristol Bay Economic Development Corporation	\$144,276
	02-AKR-006	Designing a Fish By-Product Utilization Project for Cordova's fishing industry.	Copper River Watershed Project	\$83,012
	02-AKR-003	Cook Inlet Sockeye Salmon Branding Program	Kenai Peninsula Borough	\$399,659
			Total for AK Region:	<u>\$807,581</u>
NE	Maine			
	02-NER-015	Demonstration of Sustainable Cod Farming from Egg to Grow-out in Maine	University of Maine	\$358,022
	02-NER-022	Recovery of Value from Crustacean Waste: Production and Assessment of an Improved Chitosan-based Heavy Metal Adsorbent	University of Maine	\$57,772
			Massachusetts	
	02-NER-040	Further Testing of Cod Avoiding Trawl Net Designs	Massachusetts Division of Marine Fisheries	\$318,760
	02-NER-047	Juvenile Bycatch and Survival Assessment of Spiny Dogfish (<i>Squalus acanthias</i>) in a Western Atlantic Trawl Fishery	New England Aquarium Corporation	\$169,580
	02-NER-058	Full-time Employment and Income in New Bedford Before and After Days at Sea	University of Massachusetts, Dartmouth	\$79,128
	02-NER-008	Relating Fish Shape to Mesh Size: How Morphometric Variability Affects Trawl Net Selectivity in the Gulf of Maine	Manomet, Inc.	\$92,776
			Michigan	
	02-NER-024	Gear, Product, and Market Development for the Underutilized, Yet Burgeoning Populations of Freshwater Cod (<i>Lota lota</i>) in the Great Lakes	University of Michigan	\$120,284

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NE	New Hampshire			
	02-NER-023	Development of Disease Free Cod Broodstock and Juveniles for Cage Culture	Great Bay Aquafarms	\$289,774
	Rhode Island			
	02-NER-045	Development of a Southern New England Working Group: Focus on Bycatch and Gear Conservation Engineering	University of Rhode Island	\$52,912
	02-NER-027	An Economic Analysis of an Alternative Atlantic Sea Scallop Management: Harvesters Cooperatives and Scallop Enhancement	University of Rhode Island	\$109,894
	02-NER-003	A Compliance Diagnostic for the Northeast Groundfish Fishery	University of Rhode Island	\$50,052
	Virginia			
	02-NER-014	Development of the "Chub" Mackerel Fishery, an Underutilized Species	National Fisheries Institute, Inc.	\$117,410
			Total for NE Region:	\$1,816,364
NW	Washington			
	02-NWR-006	Potential for Sustainable Expansion of the Dogfish (squalus acanthias) fishery in the Northeast Pacific	University of Washington	\$157,431
	02-NWR-005	Evaluate Selective Fishing Methods	Washington Department of Fish and Wildlife	\$174,370
	02-NWR-008	Restoration and Aquaculture of Northern Abalone (Haliotis Kamtschatkana) in Washington State: Status of the Resource, Population Genetics, Habitat and Culture of Captive Abalone	University of Washington	\$274,418
	02-NWR-009	Risk Management of a New U.S. Oyster Disease Threat	Pacific Shellfish Institute	\$76,791
			Total for NW Region:	\$683,010
SE				

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SE	Florida			
	02SER018	Effect of High Pressure Treatment on Omega-3 Fatty Acids in Fish Muscle	University of Florida	\$51,759
	02SER004	The Effectiveness of Bycatch Reduction Devices on Crab Pots on Reducing Capture and Mortality of Diamondback Terrapins and Enhancing Capture of Blue Crabs	University of North Florida	\$51,733
	02SER019	Evaluation of Ciliate Protozoans as a First Food for Red Snapper <i>Lutjanus campechanus</i> Larvae	University of West Florida	\$87,151
	02SER031	Restoration of Bay Scallop (<i>Argopecten irradians</i>) Populations on the West Coast of Florida	Florida Fish and Wildlife Conservation Commission	\$251,979
	02SER010	Incorporating Fisher Behavior into Management Models: A Case Study of the Reef Fish Fishery of the Eastern Gulf of Mexico	Florida State University	\$210,425
	Louisiana			
	02SER007	Anti-V. vulnificus Oyster Defensin: Its Synthesis and Use to Reduce the V. vulnificus Load in Oysters that Are to Be Eaten Raw	Louisiana State University Medical Center	\$190,189
	02SER024	Purification of Lysozyme from Shell Liquor of Eastern Oysters (<i>Crassostrea virginica</i>) and Potential Commercial Use	Louisiana State University Agricultural Center	\$117,437
	South Carolina			
	02SER016	Examination of Coastal Aquaculture Effluent and Receiving Water Quality throughout the Tidal Cycle	South Carolina Department of Natural Resources	\$94,130
	02SER021	Evaluation of Ecological and Commercial Impact of White Spot Syndrome virus (WSSV) Infection in the White Shrimp, <i>Litopenaeus setiferus</i> and the Blue Crab, <i>Callinectes sapidus</i> in Southeastern United States Using an Immunoassay Technique	South Carolina Department of Natural Resources	\$175,631
	Texas			
	02SER023	Characterization of Atlantic Bluefin Tuna Stock Structure Using Stable 13C & 18O Isotopes in Otolith	Texas A&M Research Foundation	\$112,779

Total for SE Region: \$1,343,213

(with Accounting Codes and State Reference)

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<u>Region</u>	<u>Project</u>	<u>Project Title</u>	<u>Applicant</u>	<u>Federal Funds Recommended</u>
SE				
SW				
	Arizona			
	02-SWR-051	Specific-Pathogen-Free (SPF) Marine Shrimp Culture on Guam	University of Arizona	\$80,659
	California			
	02-SWR-002	Measuring Impacts on Fishing Communities: A Framework for Integrated Socioeconomic Assessment	University of California, Santa Cruz	\$149,987
	02-SWR-006	Pilot Project: Testing the Feasibility of Pot Gear to Catch Petral Sole and Reduce Rockfish by Catch	The Regents of the University of California	\$117,400
	Hawaii			
	02-SWR-052	Broadband Sonar Identification of Hawaiian Bottom Fish Species	University of Hawaii	\$128,155
			Total for SW Region:	<u>\$476,201</u>
			Grand Total:	<u>\$5,126,369</u>

ATTACHMENT 3

FY 2002 S-K FUNDING PRIORITIES

- A. Atlantic Salmon Aquaculture Development Considering the Endangered Species Status of Atlantic Salmon
- B. Fishing Capacity Reduction under the Magnuson-Stevens Act Sections 312(b)-(e)
- C. Conservation Engineering
- D. Optimum Utilization of Harvested Resources under Federal or State Management
- E. Marine Aquaculture
- F. Fisheries Socioeconomics