Intergovernmental Review: Applications under this program are not subject to Executive Order 12372, "Intergovernmental Review of Federal Programs."

6. FY 2009 Ocean Exploration Omnibus—Education

Summary Description: In prior years, OE has funded the development of educational products to enable teachers to bring NOAA science into classrooms throughout the country. With this announcement, OE is seeking proposals that will facilitate the use of NOAA science in formal and informal education environments by extending the use of existing OE education products, located on its Web site *http://oceanexplorer.noaa.gov*, in school districts and other learning centers throughout the country. OE is seeking pre-proposals and full proposals to support its mission, consistent with NOAA's Strategic Plan (*http://www.nrc.noaa.gov*), to further ocean science education and ocean literacy. It is anticipated that a total of approximately $300,000 will be available through this Ocean Exploration Education announcement. Only ocean education proposals will be funded, any other kind of project will not be reviewed. Applicants are encouraged to visit the Ocean Explorer Web site (*http://www.oceanexplorer.noaa.gov*) to familiarize themselves with past and present OE-funded activities.

Funding Availability: In anticipation of the FY09 President's Budget, OE anticipates a total of approximately $300,000 will be available through this Ocean Exploration Education announcement. Depending on the quality and quantity of proposals received, a minimum of six projects are expected to be funded, resulting in an average award level of approximately $50,000. The OE Director may hold-over select proposals submitted for 2009 funding for consideration in 2010. The amount of funding available through this announcement is subject to the final FY09 appropriation for Ocean Exploration. Publication of this announcement does not obligate NOAA to fund any specific project or to obligate all or any part of available funds. There is no guarantee that sufficient funds will be available to initiate or continue research activities where funding has been recommended by OE. The exact amount of funds that OE may recommend be granted will be determined in pre-award negotiations between the applicant and NOAA representatives. Future opportunities for submitting proposals may be available and will depend on OE funding levels.

Statutory Authority: 33 U.S.C. 883d.

Catalog of Federal Domestic Assistance (CFDA) Number: 11.460, Special Oceanic and Atmospheric Projects.

Application Deadline: Completed pre-proposals are required for all categories and must be received by 5 p.m. (EDT) on August 29, 2008. Full proposal submissions must be received by 5 p.m. (EDT) on October 21, 2008. Applications received after the above deadlines will not be considered.

Address for Submitting Proposals: Pre-proposal submissions can be either by e-mail (preferred, send to (*OAR.OE.FAQ@noaa.gov*) or by hard-copy (see address below). If by e-mail, please put your last name in the subject heading along with the words OE Pre-proposal, *e.g.*, "Smith OE Pre-proposal." Adobe PDF format is preferred. No facsimile pre-proposals will be accepted. Full proposal submissions must be through Grants.gov, except for those non-Federal applicants without Internet access and Federal applicants, who may submit hard copies to ATTN: Dr. Nicolas Alvarado, Proposal Manager, NOAA Office of Ocean Exploration & Research, SSMC3, 10th Floor, 1315 East-West Highway, Silver Spring, Maryland 20910. (see Address below.) No e-mail or facsimile proposal submissions will be accepted.

Information Contacts: For further information contact the NOAA Office of Ocean Exploration at (301) 734–1015 or submit inquiries via e-mail to the Frequently Asked Questions address: *OAR.OE.FAQ@noaa.gov.;* e-mail inquiries should include the Principal Investigator's name in the subject heading. Inquiries can be mailed to: ATTN: Dr. Nicolas Alvarado, NOAA Office of Ocean Exploration, 1315 East-West Highway, SSMC3, 10th Floor, Silver Spring, Maryland 20910.

Eligibility: Eligible applicants are institutions of higher education; other nonprofits; commercial organizations; foreign governments; organizations under the jurisdiction of foreign governments; international organizations; state, local and Indian tribal governments; and Federal agencies. PLEASE NOTE: Before non-NOAA Federal applicants may be funded, they must demonstrate that they have legal authority to receive funds from another Federal agency in excess of their appropriation. Because this announcement is not proposing to procure goods or services from applicants, the Economy Act (31 U.S.C. 1535) is not an appropriate legal basis.

Cost Sharing Requirements: Cost-sharing is not required.

Intergovernmental Review: Applications under this program are subject to Executive Order 12372, "Intergovernmental Review of Federal Programs." Applicants must contact their State's Single Point of Contact (SPOC) to find out about and comply with the State's process under EO 12372. The names and addresses of the SPOC's are listed in the Office of Management and Budget's Web site: *http://www.whitehouse.gov/omb/grants/spoc.html.*

7. FY 2009 Ocean Exploration Omnibus—Marine Archaeology

Summary Description: Proposals for exploration and discovery of significant maritime heritage sites are the priority. Submerged, previously subaerial, landscapes, shipwrecks, and other maritime cultural sites are typical focus subjects of the program. Proposals will emphasize the early phases of field archaeology: searching, locating, evaluating or inventorying sites. This Announcement does not invite proposals to support later phases of archaeological research, such as intensive site excavations, and major conservation projects. All applicants must convincingly describe: The archaeological significance of their site(s), and their importance to human history; how their research fits within the realm of exploration; why their methodologies are innovative and make the most economical use of current marine technology. OE is seeking pre-proposals and full proposals to support its mission, consistent with NOAA's Strategic Plan (*http://www.nrc.noaa.gov*), to search, investigate, and document marine archaeological resources. OE is seeking proposals for exploration and discovery of significant maritime heritage sites, including submerged, previously subaerial, landscapes, shipwrecks, aircraft, and other maritime cultural sites. Competitive OE proposals will be bold, innovative and interdisciplinary in their approach and objectives. Proposals will emphasize the early phases of field archaeology: searching, locating, evaluating or inventorying sites. Marine Archaeology projects may be conducted in any of the world's oceans, coasts or Great Lakes regions, on any suitable platform, vessel or other charter. It is anticipated that a total of approximately $400,000 will be available through this announcement. Only marine archaeology proposals will be funded. Any other kind of project will not be reviewed. Applicants are encouraged to visit the Ocean Explorer

Web site (*http://www.oceanexplorer.noaa.gov*) to familiarize themselves with past and present OE-funded activities. Background on how to apply and the required proposal cover sheets are accessible through the OE Office Web site at *http://www.explore.noaa.gov/opportunity/welcome.html*. The program priorities for this opportunity support NOAAs mission support goal of: Ecosystems—Protect, Restore, and Manage Use of Coastal and Ocean Resources through Ecosystem-Based Management. Full proposal submissions for non-Federal applicants must be submitted through Grants.gov. Federal applicants or applicants without Internet access may submit hard-copies to: ATTN: Dr. Nicolas Alvarado, Proposal Manager, NOAA Office of Ocean Exploration & Research, SSMC III, 10th Floor, 1315 East-West Highway, Silver Spring, MD 20910. No E-mail or facsimile full proposal submissions will be accepted.

Funding Availability: In anticipation of the FY09 President's Budget, OE anticipates a total of approximately $400,000 will be available through this announcement for Marine Archaeology. OE anticipates supporting approximately four awards through this solicitation, averaging $100,000. The OE Director may hold-over select proposals submitted for 2009 funding for consideration in 2010. The amount of funding available through this announcement is subject to the final FY09 appropriation for Ocean Exploration. Publication of this announcement does not obligate NOAA to fund any specific project or to obligate all or any part of available funds. There is no guarantee that sufficient funds will be available to initiate or continue research activities where funding has been recommended by OE. The exact amount of funds that OE may recommend be granted will be determined in pre-award negotiations between the applicant and NOAA representatives. Future opportunities for submitting proposals may be available and will depend on OE funding levels.

Statutory Authority: 33 U.S.C. 883d.

Catalog of Federal Domestic Assistance (CFDA) Number: 11.460, Special Oceanic and Atmospheric Projects.

Application Deadline: Completed pre-proposals are required for all categories and must be received by 5 p.m. (EDT) on August 29, 2008. Full proposal submissions must be received by 5 p.m. (EDT) on October 21, 2008. Applications received after the above deadlines will not be considered.

Address for Submitting Proposals: Pre-proposal submissions can be either by E-mail (preferred, send to *OAR.OE.FAQ@noaa.gov*) or by hard-copy (send three copies to the mailing address below). If by E-mail, please put your last name in the subject heading along with the words OER Pre-proposal, *e.g.*, "Smith OER Pre-proposal." Adobe PDF format is preferred. No facsimile pre-proposals will be accepted. Full proposal submissions for non-Federal applicants must be submitted through Grants.gov. Federal applicants or applicants without Internet access may submit hard-copies to: ATTN: Dr. Nicolas Alvarado, Proposal Manager, NOAA Office of Ocean Exploration & Research, SSMC III, 10th Floor, 1315 East-West Highway, Silver Spring, MD 20910. No E-mail or facsimile full proposal submissions will be accepted.

Information Contacts: For further information contact the NOAA Office of Ocean Exploration at (301) 734–1015 or submit inquiries via E-mail to the Frequently Asked Questions address: *oar.oe.FAQ@noaa.gov.*; E-mail inquiries should include the Principal Investigator's name in the subject heading. Inquiries can be mailed to ATTN: Dr. Nicolas Alvarado (Proposal Manager), NOAA Office of Ocean Exploration, 1315 East-West Highway, SSMC3, 10th Floor, Silver Spring, MD 20910.

Eligibility: Eligible applicants are institutions of higher education; other nonprofits; commercial organizations; foreign governments; organizations under the jurisdiction of foreign governments; international organizations; state, local and Indian tribal governments; and Federal agencies. PLEASE NOTE: Before non-NOAA Federal applicants may be funded, they must demonstrate that they have legal authority to receive funds from another Federal agency in excess of their appropriation. Because this announcement is not proposing to procure goods or services from applicants, the Economy Act (31 U.S.C. 1535) is not an appropriate legal basis.

Cost Sharing Requirements: Cost-sharing is not required.

Intergovernmental Review: Applications under this program are subject to Executive Order 12372, "Intergovernmental Review of Federal Programs." Applicants must contact their State's Single Point of Contact (SPOC) to find out about and comply with the State's process under EO 12372. The names and addresses of the SPOC's are listed in the Office of Management and Budget's Web site: *http://www.whitehouse.gov/omb/grants/spoc.html*.

8. FY 2009 Ocean Exploration Omnibus—Ocean Exploration

Summary Description: OE is seeking pre-proposals and full proposals to support its mission, consistent with NOAA's Strategic Plan (*http://www.nrc.noaa.gov*), to search, investigate, and document poorly-known and unknown areas of the ocean and Great Lakes through interdisciplinary exploration, and to advance and disseminate knowledge of the ocean environment and its physical, chemical, and biological resources. Competitive OE proposals will be bold, innovative and interdisciplinary in their approach to Ocean Exploration. NOAA OE anticipates a total of approximately $1,400,000 including costs for ship and submersible assets will be available through this announcement. Only exploratory proposals will be funded, any other kind of project will not be reviewed. Applicants are encouraged to visit the Ocean Explorer Web site (*http://www.oceanexplorer.noaa.gov*) to familiarize themselves with past and present OE-funded activities. Background on how to apply and the required proposal cover sheets are accessible through the OE Office Web site at *http://www.explore.noaa.gov*. The program priorities for this opportunity support NOAA's mission support goal of: Ecosystems—Protect, Restore, and Manage Use of Coastal and Ocean Resources through Ecosystem-Based Management. Pre-proposal submissions can be either by E-mail (preferred, send to *OAR.OE.FAQ@noaa.gov* or by hard-copy (send three copies to the mailing address below). If by E-mail, please put your last name in the subject heading along with the words OER Pre-proposal, e.g., "Smith OER Pre-proposal." Adobe PDF format is preferred. No facsimile pre-proposals will be accepted. Full proposal submissions for non-Federal applicants must be submitted through Grants.gov. Federal applicants or applicants without Internet access may submit hard-copies to: ATTN: Dr. Nicolas Alvarado, Proposal Manager, NOAA Office of Ocean Exploration & Research, SSMC III, 10th Floor, 1315 East-West Highway, Silver Spring, Maryland 20910. No E-mail or facsimile full proposal submissions will be accepted.

Funding Availability: In anticipation of the FY09 President's Budget, OE anticipates a total of approximately $1,400,000 will be available through this announcement. Depending on the quality and quantity of proposals received, OE anticipates supporting approximately 4 awards through this solicitation, resulting in an average

award level of approximately $350,000. The OE Director may hold-over select proposals submitted for 2009 funding for consideration in 2010. The amount of funding available through this announcement is subject to the final FY09 appropriation for Ocean Exploration. Publication of this announcement does not obligate NOAA to fund any specific project or to obligate all or any part of available funds. There is no guarantee that sufficient funds will be available to initiate or continue research activities where funding has been recommended by OE. The exact amount of funds that OE may recommend be granted will be determined in pre-award negotiations between the applicant and NOAA representatives. Future opportunities for submitting proposals may be available and will depend on OE funding levels.

Statutory Authority: 33 U.S.C. 883d.

Catalog of Federal Domestic Assistance (CFDA) Number: 11.460, Special Oceanic and Atmospheric Projects.

Application Deadline: Completed pre-proposals are required for all categories and must be received by 5 p.m. (EDT) on August 29, 2008. Full proposal submissions must be received by 5 p.m. (EDT) on October 21, 2008. Applications received after the above deadlines will not be considered.

Address for Submitting Proposals: Pre-proposal submissions can be either by E-mail (preferred, send to *OAR.OE.FAQ@noaa.gov* or by hard-copy (send three copies to the mailing address below). If by E-mail, please put your last name in the subject heading along with the words OER Pre-proposal, e.g., "Smith OER Pre-proposal." Adobe PDF format is preferred. No facsimile pre-proposals will be accepted. Full proposal submissions for non-Federal applicants must be submitted through Grants.gov. Federal applicants or applicants without Internet access may submit hard-copies to: ATTN: Dr. Nicolas Alvarado, Proposal Manager, NOAA Office of Ocean Exploration & Research, SSMC III, 10th Floor, 1315 East-West Highway, Silver Spring, Maryland 20910. No E-mail or facsimile full proposal submissions will be accepted.

Information Contacts: For further information contact the NOAA Office of Ocean Exploration at (301) 734–1015 or submit inquiries via E-mail to the Frequently Asked Questions address: *OAR.OE.FAQ@noaa.gov.* E-mail inquiries should include the Principal Investigator's name in the subject heading. Inquiries can be mailed to: ATTN: Dr. Nicolas Alvarado (Proposal Manager) NOAA Office of Ocean Exploration 1315 East-West Highway SSMC3, 10th Floor, Silver Spring, Maryland 20910.

Eligibility: Eligible applicants are institutions of higher education; other nonprofits; commercial organizations; foreign governments; organizations under the jurisdiction of foreign governments; international organizations; state, local and Indian tribal governments; and Federal agencies. PLEASE NOTE: Before non-NOAA Federal applicants may be funded, they must demonstrate that they have legal authority to receive funds from another Federal agency in excess of their appropriation. Because this announcement is not proposing to procure goods or services from applicants, the Economy Act (31 U.S.C. 1535) is not an appropriate legal basis.

Cost Sharing Requirements: Cost-sharing is not required.

Intergovernmental Review: Applications under this program are subject to Executive Order 12372, "Intergovernmental Review of Federal Programs." Applicants must contact their State's Single Point of Contact (SPOC) to find out about and comply with the State's process under EO 12372. The names and addresses of the SPOC's are listed in the Office of Management and Budget's Web site: *http://www.whitehouse.gov/omb/grants/spoc.html.*

IV. NOAA Non-Competitive Project

The following entry provides the description and requirements of NOAA's noncompetitive project.

1. NOAA Coral Reef Conservation Grant Program—Coral Reef Ecosystem Research Grants

Summary Description: The NOAA Coral Reef Conservation Grant Program announces that it is providing funding to the NOAA Undersea Research Program (NURP) Centers for: the Southeastern U.S., Florida, and Gulf of Mexico Region, the Southeast U.S. and Gulf of Mexico Center; and the Hawaii and Western Pacific Region, the Hawaii Undersea Research Laboratory, to administer two external, competitive coral reef ecosystem research grants programs. Research supported through these programs will address priority information needs identified by coral reef ecosystem managers and scientists. Broad coral reef research priorities supported through these programs may include research on coral disease and bleaching, fisheries population dynamics and ecology, coral reef restoration and mitigation approaches, effects of anthropogenic stressors on benthic invertebrates, impacts and spread of invasive species, and evaluation of management actions and strategies. Specific priorities within these broad areas, and geographic preferences, will be indicated in each NURP Center's request for proposals. The NURP Center external coral reef research grants programs are part of the NOAA Coral Reef Conservation Grants Program under the Coral Reef Conservation Act of 2000. The program priorities for this opportunity support NOAA's mission support goal of: Ecosystems—Protect, Restore, and Manage Use of Coastal and Ocean Resources through Ecosystem-Based Management.

Funding Availabilty: Approximately $600,000 may be available in FY 2009 to support awards under this program.

Statutory Authority: Statutory authority for this program is provided under 16 U.S.C. 6403.

Catalog of Federal Domestic Assistance (CFDA) Number: 11.430, National Undersea Research Program.

Information Contact: Kimberly Puglise, 301–734–1007 or E-mail at *kimberly.puglise@noaa.gov.* Announcements requesting proposals will be announced on: *http://www.uncw.edu/nurc,* for the NURP Center for the Southeastern U.S. and the Gulf of Mexico; on *http://www.soest.hawaii.edu/HURL,* for the NURP Center for Hawaii and the Western Pacific, the Hawaii Undersea Research Laboratory.

Cost Sharing Requirements: The awards require a 1:1 federal to non-federal match.

Intergovernmental Review: Applications under this program are not subject to Executive Order 12372, "Intergovernmental Review of Federal Programs."

Limitation of Liability

Funding for programs listed in this notice is contingent upon the availability of Fiscal Year 2009 appropriations. Applicants are hereby given notice that funds have not yet been appropriated for the programs listed in this notice. In no event will NOAA or the Department of Commerce be responsible for proposal preparation costs if these programs fail to receive funding or are cancelled because of other agency priorities. Publication of this announcement does not oblige NOAA to award any specific project or to obligate any available funds.

Universal Identifier

Applicants should be aware that, they are required to provide a Dun and Bradstreet Data Universal Numbering System (DUNS) number during the

application process. See the October 30, 2002 **Federal Register**, (67 FR 66177) for additional information. Organizations can receive a DUNS number at no cost by calling the dedicated toll-free DUNS Number request line at 1–866–705–5711 or via the Internet *http://www.dunandbradstreet.com.*

National Environmental Policy Act (NEPA)

NOAA must analyze the potential environmental impacts, as required by the National Environmental Policy Act (NEPA), for applicant projects or proposals which are seeking NOAA federal funding opportunities. Detailed information on NOAA compliance with NEPA can be found at the following NOAA NEPA Web site: *http://www.nepa.noaa.gov/*, including our NOAA Administrative Order 216–6 for NEPA, *http://www.nepa.noaa.gov/NAO216—6—TOC.pdf*, NEPA Questionnaire, *http://www.nepa.noaa.gov/questionnaire.pdf*, and the Council on Environmental Quality implementation regulations, *http://ceq.eh.doe.gov/nepa/regs/ceq/toc— ceq.htm*. Consequently, as part of an applicant's package, and under their description of their program activities, applicants are required to provide detailed information on the activities to be conducted, locations, sites, species and habitat to be affected, possible construction activities, and any environmental concerns that may exist (e.g., the use and disposal of hazardous or toxic chemicals, introduction of non-indigenous species, impacts to endangered and threatened species, aquaculture projects, and impacts to coral reef systems). In addition to providing specific information that will serve as the basis for any required impact analyses, applicants may also be requested to assist NOAA in drafting of an environmental assessment, if NOAA determines an assessment is required. Applicants will also be required to cooperate with NOAA in identifying feasible measures to reduce or avoid any identified adverse environmental impacts of their proposal. The failure to do so shall be grounds for not selecting an application. In some cases if additional information is required after an application is selected, funds can be withheld by the Grants Officer under a special award condition requiring the recipient to submit additional environmental compliance information sufficient to enable NOAA to make an assessment on any impacts that a project may have on the environment.

Compliance With Department of Commerce Bureau of Industry and Security Export

Administration Regulations (a) This clause applies to the extent that this financial assistance award involves access to export-controlled information or technology. (b) In performing this financial assistance award, the recipient may gain access to export-controlled information or technology. The recipient is responsible for compliance with all applicable laws and regulations regarding export-controlled information and technology, including deemed exports. The recipient shall establish and maintain throughout performance of the financial assistance award effective export compliance procedures at non-NOAA facilities. At a minimum, these export compliance procedures must include adequate controls of physical, verbal, visual, and electronic access to export-controlled information and technology. (c) Definitions (1) Deemed export. The Export Administration Regulations (EAR) define a deemed export as any release of technology or source code subject to the EAR to a foreign national, both in the United States and abroad. Such release is "deemed" to be an export to the home country of the foreign national. 15 CFR 734.2(b)(2)(ii). (2) Export-controlled information and technology. Export-controlled information and technology is information and technology subject to the EAR (15 CFR parts 730 *et seq.*), implemented by the DOC Bureau of Industry and Security, or the International Traffic I Arms Regulations (ITAR) (22 CFR parts 120–130), implemented by the Department of State, respectively. This includes, but is not limited to, dual-us items, defense articles and any related assistance, services, software or technical data as defined in the EAR and ITAR. (d) The recipient shall control access to all export-controlled information and technology that it possesses or that comes into its possession in performance of a financial assistance award, to ensure that access is restricted, or licensed, as required by applicable Federal laws, Executive Orders, and/or regulations. (e) Nothing in the terms of this financial assistance award is intended to change, supersede, or waive and of the requirements of applicable Federal laws, Executive Orders or regulations. (f) The recipient shall include this clause, including this paragraph (f), in all lower tier transactions (subawards, contracts, and subcontracts) under the financial assistance award that may involve access to export-controlled information technology.

NOAA implementation of Homeland Security Presidential Directive—12

If the performance of a financial assistance award, if approved by NOAA, requires recipients to have physical access to Federal premises for more than 180 days or access to a Federal information system, any items or services delivered under a financial assistance award shall comply with the Department of Commerce personal identity verification procedures that implement Homeland Security Presidential Directive—12, FIPS PUB 201, and the Office of Management and Budget Memorandum M–05–24. The recipient shall insert this clause in all subawards or contracts when the subaward recipient or contractor is required to have physical access to a Federally controlled facility or access to a Federal information system.

The Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements.

The Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements contained in the **Federal Register** notice of February 11, 2008 (73 FR 7696) are applicable to this solicitation.

Paperwork Reduction Act

This document contains collection-of-information requirements subject to the Paperwork Reduction Act (PRA). The use of Standard Forms 424, 424A, 424B, 424C, 424D, and SF–LLL has been approved by OMB under the respective control numbers 4040–0004, 0348–0044, 4040–0007, 0348–0041, 4040–0009, and 0348–0046. Notwithstanding any other provision of law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the PRA unless that collection of information displays a currently valid OMB control number.

Executive Order 12866

This notice has been determined to be not significant for purposes of Executive Order 12866. Executive Order 13132 (Federalism). It has been determined that this notice does not contain policies with Federalism implications as that term is defined in Executive Order 13132.

Administrative Procedure Act/ Regulatory Flexibility Act

Prior notice and an opportunity for public comment are not required by the Administrative Procedure Act or any other law for rules concerning public

property, loans, grants, benefits, and contracts (5 U.S.C. 553(a)(2)). Because notice and opportunity for comment are not required pursuant to 5 U.S.C. 553 or any other law, the analytical requirements of the Regulatory Flexibility Act (5 U.S.C. 601 *et seq.*) are inapplicable. Therefore, a regulatory flexibility analysis has not been prepared.

Dated: July 3, 2008.

Dan Clever,

Deputy Director, Acquisition and Grants Office, National Oceanic and Atmospheric Administration.

[FR Doc. E8–15720 Filed 7–10–08; 8:45 am]

BILLING CODE 3510–PJ–P

APPENDIX III: FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
The Univ. of Maine System acting through the Univ. of Maine	Aquaculture	The ecology of finfish pathogens in a bivalve/finfish integrated poly-trophic aquaculture system	249,464
Applied Food Technologies, LLC	Optimum Utilization of Harvested Resources	Identification of Grouper at the Genus Level by a Discriminating PCR-Based Diagnostic	126,000
Arizona State University	Optimum Utilization of Harvested Resources	The Joint Modeling of Seasonal Recreational Demand, Entry-Exit Decisions, and Fish Stocks over Time with an Application to Great Lakes Sportfishing	190,806
Atlantic Offshore Lobstermen's Association	Fisheries Socioeconomics	Studying the viability of a proposed industry funded federal Area 3 lobster fishery buyout program in order to determine the conservation benefit, socioeconomic impacts and potential effort shifts	36,900
Auburn University	Conservation Engineering	Steps towards the first FDA/CVM-approved anesthetic for transport and handling of marine fish	112,500
Auburn University	Aquaculture	Evaluating Demand for Bait in Gulf Charter Fishing Communities, and the Potential for Aquaculture Products	182,579
Board of Trustees, Southern Illinois University	Aquaculture	Use of Alternative Feedstuffs and Innovative Feeding Strategies in Marine Aquaculture	107,681
Board of Trustees, Southern Illinois University—Carbondale	Aquaculture	Use of alternative lipid sources and finishing feeds to improve the nutritional value and safety of aquaculture products	183,548
Brunswick Community College	Aquaculture	Florida Pompano (*Trachinotus carolinus*) Production as a Nutrient Source for Algae for Biodiesel in a Recirculating Aquaculture System	198,180
Bukilau Foods LLC	Aquaculture	Determining the suitability of artificially propogating three new marine species for open ocean cage culture: The Big Eyed Bream (*Monotaxis grandoculis*), Blue-gray Snapper and *Aprion virescens*	250,000
Catch a Piece of Maine	Optimum Utilization of Harvested Resources	Catch a Piece of Maine: Lobster From our Trap to your Table	253,000
Commonwealth of Massachusetts	Optimum Utilization of Harvested Resources	Protected Species and Lobster Fishing - A Comprehensive Research and Outreach Program	249,426

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Coonamessett Farm Foundation, Inc	Conservation Engineering	Loggerhead Sea Turtle Satellite Tagging Study	157,754
Cornell Cooperative Extension of Suffolk County	Conservation Engineering	An evaluation of a non-toxic antifoulant for mariculture gear	36,174
Cornell University	Optimum Utilization of Harvested Resources	Making Fish Gelatin Commercially Viable	90,057
Cornell University	Optimum Utilization of Harvested Resources	Human Responses to VHSV-related Fisheries Risks in the Great Lakes: Implications for Education, Management, and Policy	232,323
Dahl Natural	Conservation Engineering	Antigen Production by Gene Variation and Digestibility of Pulse Protein Concentrates Fed to Trout	245,000
Dantec Engineering, Inc.	Conservation Engineering	Development of a self-contained modular dryer for utilization of sea-foods by-products and by-catch	249,787
Deep Blue Research LLC	Optimum Utilization of Harvested Resources	Multi-Trophic Offshore Co-Culture of Fish and Sea Cucumbers	64,840
Downeast Institute for Applied Marine Research & Education	Aquaculture	Enhancing sea scallop stocks in eastern Maine through applied aquaculture research and technology transfer	154,167
Duke University	Optimum Utilization of Harvested Resources	Fishing Behavior, Fish Abundance and Climate Change	164,844
Eric James Schott	Conservation Engineering	Monitoring reo-virus in the blue crab *Callinectes sapidus*: molecular tools for the soft shell industry and fishery management	180,401
Feral Cat Control	Fisheries Socioeconomics	Implement techniques and educate to reduce the mortality of fish discarded or released and reduce or eliminate impacts of fishing activity on fish habitat	120,000
Florida Atlantic University	Conservation Engineering	Improving Technology for Production and Pre-Release Conditioning of Early Juvenile Redfish for Sportfish Enhancement	124,469
Florida Atlantic University	Optimum Utilization of Harvested Resources	Understanding the Effect of Age and Environment on PaV1 Prevalence and Impact on Spiny Lobster, *Panulirus argus*, Fisheries and Culture	104,559
Florida Atlantic University Foundation, Inc	Conservation Engineering	Efficacy of electropositive metals for by-catch reduction in long line fisheries	283,888

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Florida Fish and Wildlife Conservation Commission	Optimum Utilization of Harvested Resources	Characterization of Recreational-Discard Composition and Mortality for Gray Snapper and other Estuarine-Dependent Reef Fishes Within a Gulf Coast Estuary and Nearshore Florida waters	234,672
Florida Fish and Wildlife Conservation Commission	Fisheries Socioeconomics	Is the calico scallop fishery in South Atlantic and Gulf of Mexico waters limited by reduced growth?	125,122
Florida Fish and Wildlife Conservation Commission	Optimum Utilization of Harvested Resources	Genetic Stock Structures of Four High-Priority Gulf of Mexico and South Atlantic Marine Finfish Species	144,859
Florida Fish and Wildlife Conservation Commission	Optimum Utilization of Harvested Resources	Characterization of Recreational-Discard Composition and Mortality for Gray Snapper and other Estuarine-Dependent Reef Fishes Within a Gulf Coast Estuary and Nearshore Florida Waters	222,495
Florida Gulf Coast University	Fisheries Socioeconomics	Impacts of the red-tide organism (Volety)	225,000
Florida Keys Community College	Conservation Engineering	Evaluation of electropositive metals as shark bycatch reduction technology during commercial pelagic longline fishing in the straits of Florida	199,425
Florida Keys Community College	Conservation Engineering	Chemical extraction process for converting shark bycatch discards from commercial pelagic longlines into a into chemical shark repellent for application as bycatch reduction technology	112,000
Florida State University	Optimum Utilization of Harvested Resources	Fishing for a Solution: The Process and Impacts of Sustainable Seafood Certification	209,621
George Mason University	Optimum Utilization of Harvested Resources	Estimating discard mortality of elasmobranchs in bottom trawl fisheries	252,507
Georgia Department of Natural Resources	Optimum Utilization of Harvested Resources	Georgia Blue Crab Cooperative Survey	148,382
GreatBay Aquaculture, LLC	Fisheries Socioeconomics	Enhanced economic and environmental production of Atlantic cod based on advancements in hatchery production and integrated multi-trophic aquaculture	242,390

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Gulf & South Atlantic Fisheries Foundation, Inc.	Optimum Utilization of Harvested Resources	Assessment of Participatory Management in the Gulf and South Atlantic Fishery Management Arena	116,331
Gulf and South Atlantic Fisheries Foundation, Inc.	Fisheries Socioeconomics	Assessment of the Impacts of the Oculina Bank Marine Protected Area and In-Depth Ethnographic Profile of the Fort Pierce, Florida Fishing Community	120,794
Gulf of Maine Lobster Foundation	Conservation Engineering	Development of a Viable Timed-Release Lobster Buoy to Minimize Vertical Lines and Entanglement Potential	156,337
Gulf of Maine Research Institute	Fisheries Socioeconomics	Understanding Opportunities and Barriers to Increased Profitability for the Gulf of Maine Lobster Industry	157,273
Gulf of Maine Research Institute	Conservation Engineering	Trawl development to reduce the environmental impacts of demersal trawling and improve the socio-economic condition of the New England Groundfish Fishery	170,837
Hawaii Institute for Public Affairs	Optimum Utilization of Harvested Resources	Hawaii Fisheries Initiative, Phase II: Evaluation of Existing Data Collection Systems	180,000
Hubbs - Sea World Research Institute, California	Aquaculture	Advancement of hatchery technologies for commercial-scale production of California yellowtail (*Seriola lalandi*) and yellowfin tuna (*Thunnus albacares*)	246,056
Interstate Shellfish Sanitation Conference	Fisheries Socioeconomics	ISSC *Vibrio vulnificus* illness reduction program	197,850
Just Lobster	Fisheries Socioeconomics	This project will employ the Community Supported Fishery model, as well as direct marketing through local farmers markets to increase domestic consumption and utilization of Maine lobster	120,000
Kake Non-Profit Fisheries Corporation	Optimum Utilization of Harvested Resources	Rocky Pass Geoduck "Grow-Out" Research Project	267,225
Kona Blue Water Farms, LLC	Aquaculture	Operational and economic efficiencies of surface cage technologies: The key to profitability in America's open ocean fish farming industry	247,433

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Louisiana State University Agricultural Center	Fisheries Socioeconomics	Utilization of Economic Discards: Developing Functional Protein and Microencapsulated Astaxanthin Powder from Crawfish and Shrimp Processing Byproducts	175,546
Maine Department of Marine Resources	Conservation Engineering	Determination of gear densities and endline risk mitigation strategies in Maine coastal waters	88,825
Maine Department of Marine Resources	Optimum Utilization of Harvested Resources	A proposal to conduct collaborative research studies on two of Maine's 'Species of Concern' in the near-shore Gulf of Maine: Cusk (*Brosme brosme*) and Atlantic Wolffish (Anarhichas lupus)	74,463
Maine Department of Marine Resources	Fisheries Socioeconomics	Enhancement of Coastal Populations of Atlantic Sea Scallops (*P.magellanicus*) Using Offshore Stocks: Examination of Risks & Development of Recommended Next Steps	176,433
Mark Kenneth Hesse	Aquaculture	A self-sufficient aqua-hydronic farm utilizing solar heated water and all fish/plant food grown in house.	100,000
Massachusetts Fishermen's Partnership Inc.	Fisheries Socioeconomics	The economic impacts of no-fishing zones on Stellwagen Bank National Marine Sanctuary: an analysis of the small-scale ground-fishing fleet and their local coastal communities	249,763
Massachusetts Institute of Technology	Aquaculture	Acoustic Biomass Assessment in Axis-Symmetric Cages	246,878
Massachusetts Institute of Technology	Fisheries Socioeconomics	Socioeconomic Impacts of Herring Fishery Management in the Northeast	237,428
Michigan State University	Fisheries Socioeconomics	Halibut Allocation: Community Impacts in Southeast Alaska	173,801
Michigan State University	Conservation Engineering	The use of reverse genetic approach to study pathogenic mechanisms of the Great Lakes strain of Viral Hemorrhagic Septicemia Virus	249,987
Michigan State University	Fisheries Socioeconomics	Fostering Sustainable Fisheries through Seafood Labeling	249,902

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Micro Technologies, Inc.	Aquaculture	Development of a Technology Platform for the Assessment and Controlled Delivery of Therapeutic Bacteriophage in Aquaculture	185,645
NC State University	Optimum Utilization of Harvested Resources	Producing Dry Forms of Surimi with High Functionality	247,781
National Fisheries Institute	Fisheries Socioeconomics	Collection of sex ratio data for summer flounder landings: commercial and recreational	212,252
New England Aquarium Corporation	Right Whale Gear Entanglement	A Forensic Study of North American Right Whale Entanglements	166,983
Nova Southeastern University, Inc.	Optimum Utilization of Harvested Resources, Fisheries Socioeconomics	Assessment of Life-History Parameters for Two Bycatch Species in the U.S. Pelagic Longline Fishery: Escolar (L. flavobrunneum) and Pelagic Stingray (*P. violacea*)	261,555
Oceanic Institute	Aquaculture	Development of marine finfish hatchery technologies in support of marine aquaculture: biosecurity and fingerling production efficiency	225,000
Old Dominion University Research Foundation	Optimum Utilization of Harvested Resources	Genetic Population Structure of Summer Flounder (*P. dentatus*) Along the US Atlantic Coast	200,222
Old Dominion University Research Foundation	Optimum Utilization of Harvested Resources	Pathogenic mycobacteria of striped bass and Atlantic menhaden: Ecology and transmission	213,304
Oregon Department of Fish and Wildlife	Optimum Utilization of Harvested Resources	Improving monitoring methods for estimation of non-retaned salmonids encountered in Columbia river spring chinook fisheries	190,401
Oregon Department of Fish and Wildlife	Optimum Utilization of Harvested Resources	Improving monitoring methods for estimation of non-retaned salmonids encountered in summer and fall Columbia River commercial fisheries	118,648
Oregon State University	Conservation Engineering	Fieldable early detection method for Vibrio tubiashii toxin in marine hatcheries	187,500
Pacific Islands Fisheries Group	Optimum Utilization of Harvested Resources	Hawaii Oio Tagging Project to track movement and growth of bonefish around the Island of Oahu, Hawaii.	84,180
Pacific Shellfish Institute	Aquaculture	Harvest Management Tools to Control the Levels of *Vibrio parahaemolyticus* in Oysters and Other Bivalve Shellfish	245,133

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Pacific Shellfish Institute	Aquaculture	Biosecure domestication of native geoduck clams	210,267
Pacific Shellfish Institute	Aquaculture	Microbial Ecology of Marine Bivalve Hatcheries: Detection and Control of *Vibrio tubiashii*	249,217
Penobscot East Resource Center	Optimum Utilization of Harvested Resources	Sentinel groundfish fishery to ensure optimum utilization of harvested resources, and development of a spatially-explicit stock assessment model	267,683
Pfleger Institute of Environmental Research	Conservation Engineering	Development of a Southern California Deep-set Buoy Fishery for Swordfish *Xiphias gladius*	181,208
Purdue University	Fisheries Socioeconomics	Assessing Market Competitiveness of Yellow Perch	239,159
Quotamax, Inc	Optimum Utilization of Harvested Resources	Alaska Fish By-Products: Turning Alaska fish waste into meal and feeds for use in State Salmon Hatcheries	158,800
Regents of the University of Michigan	Optimum Utilization of Harvested Resources	Changes in Trophic Position and Contaminant Pathways for Great Lakes Fishes Shifting Diets Native to Non-indigenous Species	194,543
Rutgers, The State University of New Jersey	Fisheries Socioeconomics	A Retail and Food Service Price Elasticity and Value Assessment of Branded Aquaculture Hard Clam (*Mercenaria mercenaria*)	144,801
Scott T. Cook c/o "Capt. Dennis, Inc."	Optimum Utilization of Harvested Resources	Assessment of Occurrence of the Spiny Lobster, Panulirus argus, in Offshore Waters of the Carolinas, USA	84,051
Smithsonian Institution	Optimum Utilization of Harvested Resources	A novel application of bio-geochemical fingerprinting to evaluate the nursery potential of Chesapeake Bay subestuaries to contribute to the blue crab spawning stock	229,544
South Carolina Department of Natural Resources	Optimum Utilization of Harvested Resources	Transcriptomic responses in shrimp species to viral challenges	229,390
South Carolina Department of Natural Resources, Marine Center	Aquaculture	Evaluation of Habitat Utilization, Recruitment Bottlenecks and Movement of Coastal Striped Bass Population(s) Using Cultured Animals and Genetic-Based Identification Tools	215,939

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
State of Florida	Fisheries Socioeconomics	Atlantic and Gulf Swordfish Market Development Program	191,764
System Science Applications, Inc.	Aquaculture	Simulation software for Fish-Bivalve Integrated Aquaculture	199,860
Teresa M. Stafford	Fisheries Socioeconomics	Labor Supply of Commercial Fishermen: An Empirical Analysis	2,700
Texas A&M Research Foundation	Aquaculture	Construction of a Genetic Map for Direct Use in Aquaculture, Stock Enhancement, and Resource Management of Red Drum (*Sclaenops Ocellatus*)	80,860
Texas A&M Research Foundation	Aquaculture	Survival, Sispersal and Fishery-Contribution of hatchery-reared red drum (*Sclaenops Ocellatus*) released for stock enhancement in Texas waters	187,095
Texas A&M Research Foundation	Optimum Utilization of Harvested Resources	Development of Molecular Assays to Determine the Gender of Billfishes	130,617
Texas A&M University-Corpus Christi	Aquaculture	Impact of increased seawater temperature and CO2 on development of larval and juvenile southern flounder, *Paralichthys Lethostiga*	228,121
Texas A&M University-Corpus Christi	Optimum Utilization of Harvested Resources	Life threatening disease infections from fishing: Evaluating the mode of transmission for the pathogen *vibro vulnificus*, a human health hazard to fishermen	154,566
Texas A&M University-Corpus Christi	Optimum Utilization of Harvested Resources	Effect of anthropogenic noise on nutrition, physiology and migration of red drum, *Sciaenops ocellatus*	192,514
The Curators of the University of Missouri	Aquaculture	Development of a low-cost diet for juvenile haddock through amino acid digestibility determination and fish meal replacement.	250,000
The Ocean Foundation	Conservation Engineering	A Thunnus gene chip to measure gender, reproductive status and captive condition in Northern Bluefin Tunas	136,297
The Regents of the University of Michigan	Aquaculture	Improving the Environmental Sustainability of Shrimp Aquaculture Systems through Microbial Resource Management and Life Cycle Assessment	259,833

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
The Research Foundation of SUNY	Optimum Utilization of Harvested Resources	Restoring Long Island's winter flounder fishery: Influence of natural and anthropogenic factors on health, fitness and recruitment success	255,867
The University of Rhode Island	Optimum Utilization of Harvested Resources	Assessment of nutraceutical properties and palatability of squid processing byproduct hydrolysate for applications in human and pet food supplements	167,226
The University of Southern Mississippi	Optimum Utilization of Harvested Resources	Epidemiology of the pathogenic dinoflagellate *Amyloodinium ocellatum*: Life cycle analysis and identification of critical control points.	241,852
The University of Texas at Austin	Aquaculture	Development of an Atlantic croaker baitfish aquaculture industry	248,537
Trustees of Boston University	Optimum Utilization of Harvested Resources	Connectivity between Offshore and Inshore Lobster Populations in Southern New England: Genetics and Morphology	243,493
Trustees of Dartmouth College	Optimum Utilization of Harvested Resources	Identifying fish stocking practices to reduce mercury accumulation in stream fish	153,863
Univ. of Maine System Acting Through the Univ. of Maine	Aquaculture	Sea Vegetables in Integrated Polytrophic Aquaculture	249,801
University of Alaska Anchorage	Fisheries Socioeconomics	Implications of High Energy Costs for Alaska's Fishing Industry	249,803
University of Alaska Fairbanks	Fisheries Socioeconomics	The Business of Fish Textbook: A Financial Management Guide for the US Commercial Fishing Industry	123,601
University of Alaska Fairbanks	Aquaculture	King Crab Aquaculture in Alaska	173,854
University of Arizona	Conservation Engineering	Development of rapid, sensitive multiplex real-time PCR (and RT-PCR) assays for the detection and quantitation of viruses and an intracellular bacterium in penaeid shrimp	112,932
University of Connecticut	Aquaculture	Biofouling Tunicates on Shellfish Aquaculture Gear as Potential Vectors of Harmful Algal Introductions	249,651

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
University of Florida	Conservation Engineering	Post-release survivorship for scalloped (*Sphyrna lewini*) and great (*Sphyrna mokarran*) hammerhead sharks caught in commercial longline fisheries	194,400
University of Florida	Optimum Utilization of Harvested Resources	Extraction, Characterization and Utilization of Bioactive Proteins and Peptides from Shrimp Processing Byproducts	241,699
University of Florida	Conservation Engineering	Evaluating rates of capture and relative hooking mortality of bycatch in the pelagic longline fishery in the Gulf of Mexico	167,446
University of Georgia	Conservation Engineering	Reducing bycatch in the shrimp industry: testing the capabilities of a newly certified turtle excluder device	44,590
University of Georgia	Fisheries Socioeconomics	Reducing the Risks of Contaminated Seafood and Protecting Local Livelihoods in the Commercial Blue Crab Fishery	36,687
University of Hawaii	Conservation Engineering	An exploratory application of agent based modeling for policy evaluations in Hawaii's lonline fishery	199,528
University of Maine	Aquaculture	The Development of a Probiotic Feed Supplement for the American Lobster (*Homarus americanus*)	247,547
University of Maine	Aquaculture	Establishment of an Atlantic cod breeding program for the US aquaculture industry	246,738
University of Maine System Acting Through the Univ. of Maine	Optimum Utilization of Harvested Resources	Spatial Dynamics and Trophic Vectors Between Red Tides and Lobsters in the Gulf of Maine: A Risk Analysis	247,845
University of Maine System acting through the Univ. of Maine	Conservation Engineering	The Development of a Disease Survey and Health Management Model for Molluscan Bivalves	238,094
University of Maine System acting through the Univ. of Maine	Fisheries Socioeconomics	Employing Conjoint Analysis to Assess the Affects of Coastal Fisheries Culture on Tourism, Using the Lobster Culture in Rural Maine as a Model	154,237
University of Maine System acting through the Univ. of Maine	Fisheries Socioeconomics	Feasibility study of unified, generic marketing effort for the American lobster (*Homarus americanus*).	156,140

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
University of Maine System acting through the Univ. of Maine	Aquaculture	Developing a value-added biotechnology product from the American lobster catch.	243,694
University of Maine System acting through the Univ. of Maine	Fisheries Socioeconomics	An analysis of voluntary participation in the New England Fisheries Management Council meetings and its impacts on policy development	98,136
University of Maryland Center for Environmental Science	Aquaculture	Aquaculture Priority: Assessing Effects of Off-bottom Oyster Aquaculture on Nutrient Cycling and Benthic Habitat Quality	246,465
University of Massachusetts, Dartmouth	Optimum Utilization of Harvested Resources	Improving conservation of New England whelks (*Busycon* and *Busycotypus*)	220,381
University of Massachusetts, Dartmouth	Conservation Engineering	Post-release survivability of longline-caught large coastal sharks	362,294
University of Miami-Marine Affairs and Policy	Aquaculture	Developing Aquaculture Technology for Reproduction, Larval Rearing, Fingerling Production and Grow-out of Goggle Eye (*Selar crumenophthalmus*) a High-Value Marine Baitfish	264,614
University of Miami-Marine Affairs and Policy	Aquaculture	Development of Hatchery Technology for Blackfin Tuna (*Thunnus atlanticus*)	294,517
University of New England	Optimum Utilization of Harvested Resources	Dismissing Dogma: The Use of Satellite Tags to Examine the Behavior of Spiny Dogfish (*Squalus acanthias*) in Relation to Habitat Use, Depth Preferences and Movement Patterns in the Northwest Atlantic	237,078
University of New Hampshire	Conservation Engineering	Test of Rope Separator Trawl on Georges Bank	247,090
University of New Hampshire	Conservation Engineering	Design and Test of a New Turtle Exclusion Device for Scallop Trawls to Reduce Turtle and Finfish Bycatch	224,919
University of New Hampshire	Aquaculture	A Submersible Raft for Mussel Aquaculture	247,107
University of New Hampshire	Conservation Engineering	Evaluation of the efficacy of using a Discard Mortality Reduction Device, The Hydrostatic Hinge, to enhance discard survival in the Long-line and Gill-net Fisheries	89,260

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
University of New Hampshire	Aquaculture	Submerged Culture of Steelhead Trout	249,468
University of New Hampshire	Aquaculture	Addressing Issues of Hatchery Production and Grow Out of Sea Urchins for Aquaculture Development in the Gulf of Maine	236,503
University of North Carolina, Wilmington	Aquaculture	Practical Diet Development for Intensive Cultivation of Red Porgy in the Southeastern US Using Alternative Protein Sources	149,165
University of Rhode Island	Aquaculture, Fisheries Socioeconomics	Interaction Between Imported Aquaculture Products and Capture Fishery Products in the U.S. Market	255,399
University of Rhode Island	Optimum Utilization of Harvested Resources	Use of the Edible Meat from American Lobsters (*Homarus americanus*) with Shell Disease	177,620
University of South Alabama	Fisheries Socioeconomics	Market Development for the Southern Oyster Drill (*S haemastoma*): A Method to Enhance the Eastern Oyster (*C virginica*) Fishery in the Northern Gulf of Mexico	220,925
University of Southern Mississippi	Aquaculture	Development of Hatchery Procedures for Aquaculture of the Red Snapper (*Lutjanus campechanus*): Investigations on Larval Nutrition and Potential Alternative Diets	262,280
University of The Virgin Islands	Optimum Utilization of Harvested Resources, Fisheries Socioeconomics	Defining biologically-relevant boundaries for protecting grouper spawning aggregations in the US Virgin Islands and Pohnpei	249,948
University of Washington	Aquaculture	Threats to bivalve aquaculture and fisheries: the influence of emerging diseases and environmental change	243,115
University of Washington	Aquaculture	Predator exclusion structures for protection of newly-outplanted juveniles in geoduck aquaculture operations of Puget Sound: An evaluation of influence on local ecosystem biodiversity	203,961
Virginia Institute of Marine Science	Aquaculture	Contemporary hatchery technology to address seed shortages in the mid-Atlantic	249,519
Virginia Institute of Marine Science	Aquaculture	Oyster aquaculture in shallow water ecosystems in the Chesapeake Bay: optimal carrying capacity guidelines for the industry and regulators	200,000

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Virginia Institute of Marine Science	Aquaculture	Epidemiological Studies on a Parasitic Ciliate of Blue Crabs, *Callinectes sapidus*, and Its Possible Role in Winter Mortalities	247,767
Virginia Institute of Marine Science	Aquaculture, Optimum Utilization of Harvested Resources	The "100 Lobsters" Project: A Cooperative Demonstration Project on Epizootic Shell Disease in the American Lobster	248,759
Virginia Institute of Marine Science	Optimum Utilization of Harvested Resources	Optimization of molecular methods for detecting and monitoring pathogenic human norovirus in bivalve shellfish	228,288
Virginia Institute of Marine Science	Aquaculture	Genetic relationships between hatchery and field performance: selecting for eyed larvae production in the eastern oyster, *crassostrea virginica*	147,159
Virginia Polytechnic Institute and State University	Fisheries Socioeconomics	Seafood Demand: Will ecolabel marketing reward well-managed fisheries and encourage conservation?	249,196
Washington Department of Fish & Wildlife	Optimum Utilization of Harvested Resources	Selective fishing in a lacustrine environment	197,875
Washington Department of Fish & Wildlife	Optimum Utilization of Harvested Resources	Evaluate reef nets for selective harvest	235,068
Washington Department of Fish and Wildlife	Aquaculture	A multilateral research program to investigate aquaculture-based stock rebuilding, using lingcod (*Ophiodon elongatus*) as a model species.	187,869
Washington Department of Fish and Wildlife	Optimum Utilization of Harvested Resources	Columbia River Live Capture Commercial Fisheries	84,120
Western Fishboat Owners Association	Fisheries Socioeconomics	Wild Pacific Albacore: Marketing Project	161,450
Wild American Shrimp Inc.	Fisheries Socioeconomics	Wild American Shrimp Marketing Program	306,477
Wild American Shrimp Inc.	Optimum Utilization of Harvested Resources, Fisheries Socioeconomics	Improve maintain and market high quality wild caught domestic shrimp products with an objective of increasing value to both US and foreign markets.	326,700

APPENDIX III (CONTINUED): FY 2009 S-K APPLICATIONS RECEIVED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Woods Hole Oceanographic Institution	Fisheries Socioeconomics	Development of an Integrated Economic and Ecological Framework for Ecosystem-Based Management of Fisheries in New England	130,468
		Grand Total	**$ 30,295,502**

APPENDIX IV: FY 2009 S-K APPLICATIONS RECOMMENDED FOR FUNDING

Proposal #	Applicant Name	Project Title	Federal Share (*in dollars*)	Recipients Cost Share (*in dollars*)
09NWR09	Pacific Shellfish Institute	Harvest Management Tools to Control the Levels of *Vibrio parahaemolyticus* in Oysters and Other Bivalve Shellfish	245,133	52,665
09NWR07	Oregon State University	Fieldable early detection method for *Vibrio tubiashii* toxin in marine hatcheries	187,500	51,800
09SER035	University of the Virgin Islands	Defining biologically-relevant boundaries for protecting grouper spawning aggregations in the US Virgin Islands and Pohnpei	249,948	67,500
09SER001	Florida Atlantic University	Efficacy of electropositive metals for by-catch reduction in long line fisheries	283,888	32,000
09SWR003	Arizona Board of Regents, University of Arizona	Development of rapid, sensitive multiplex real-time PCR (and RT-PCR) assays for the detection and quantitation of viruses and an intracellular bacterium in penaeid shrimp	112,932	23,368
09SWR006	Pfleger Institute of Environmental Research	Development of a Southern California Deep-set Buoy Fishery for Swordfish *Xiphias gladius*	181,208	31,025
09PIR01	University of Hawaii	An exploratory application of agent based modeling for policy evaluations in Hawaii's Longline Fishery	199,528	22,448
09NWR10	Pacific Shellfish Institute	Biosecure domestication of native geoduck clams	210,267	51,000
09SER031	Florida Keys Community College	Chemical extraction process for converting shark bycatch discards from commercial pelagic longlnes into a into chemical shark repellent for application as bycatch reduction technology	112,000	12,773
09NER067	Smithsonian Institution	A novel application of bio-geochemical fingerprinting to evaluate the nursery potential of Chesapeake Bay subestuaries to contribute to the blue crab spawning stock	229,544	26,210
09SWR005	Hubbs-SeaWorld Research Institute	Advancement of hatchery technologies for commercial-scale production of California yellowtail (*Seriola lalandi*) and yellowfin tuna (*Thunnus albacares*)	246,056	140,214
09NER007	University of New Hampshire	Test of Rope Separator Trawl on Georges Bank	247,090	36,334
09NER061	Micro Technologies, Inc.	Development of a Technology Platform for the Assessment and Controlled Delivery of Therapeutic Bacteriophage in Aquaculture	185,646	21,153

APPENDIX IV (CONTINUED): FY 2009 S-K APPLICATIONS RECOMMENDED FOR FUNDING

Proposal #	Applicant Name	Project Title	Federal Share (*in dollars*)	Recipients Cost Share (*in dollars*)
09NER071	AZ Board of Regents, acting for Arizona State University	The Joint Modeling of Seasonal Recreational Demand, Entry-Exit Decisions, and Fish Stocks over Time with an Application to Great Lakes Sportfishing	190,806	45,126
09SER013	South Carolina Department of Natural Resources	Evaluation of Habitat Utilization, Recruitment Bottlenecks and Movement of Coastal Striped Bass Population(s) Using Cultured Animals and Genetic-Based Identification Tools	215,939	25,917
09SER016	University of North Carolina Wilmington	Practical Diet Development for Intensive Cultivation of Red Porgy in the Southeastern US Using Alternative Protein Sources	149,165	18,672
09NER048	Trustees of Boston University	Connectivity between Offshore and Inshore Lobster Populations in Southern New England: Genetics and Morphology	243,493	80,297
09SER036	Texas A&M Research Foundation	Development of Molecular Assays to Determine the Gender of Billfishes	130,617	15,961
09SER034	Gulf & South Atlantic Fisheries Foundation, Inc.	Assessment of the Impacts of the Oculina Bank Marine Protected Area and In-Depth Ethnographic Profile of the Fort Pierce, Florida Fishing Community	120,794	13,800
09NER030	University of Rhode Island	Assessment of nutraceutical properties and palatability of squid processing byproduct hydrolysate for applications in human and pet food supplements	167,226	32,107
09SER021	The University of Southern Mississippi	Development of Hatchery Procedures for Aquaculture of the Red Snapper (*Lutjanus campechanus*): Investigations on Larval Nutrition and Potential Alternative Diets	262,280	85,344
09SER028	University of Miami	Development of Hatchery Technology for Blackfin Tuna (*Thunnus atlanticus*)	294,517	67,150
09PIR03	Kona Blue Water Farms, LLC	Operational and economic efficiencies of surface cage technologies: The key to profitability in America's open ocean fish farming industry	247,433	116,750
09NER051	University of Massachusetts Dartmouth	Post-release survivability of longline-caught large coastal sharks	362,294	40,754
09NER011	University of Maine System acting through the Univ. of Maine	The Development of a Probiotic Feed Supplement for the American Lobster (*Homarus americanus*)	247,547	61,705
09NER005	University of Connecticut	Biofouling Tunicates on Shellfish Aquaculture Gear as Potential Vectors of Harmful Algal Introductions	249,651	74,055
09AKR003	University of Alaska Fairbanks	King Crab Aquaculture in Alaska	173,854	25,562

APPENDIX IV (CONTINUED): FY 2009 S-K APPLICATIONS RECOMMENDED FOR FUNDING

Proposal #	Applicant Name	Project Title	Federal Share (*in dollars*)	Recipients Cost Share (*in dollars*)
09NWR08	University of Washington	Threats to bivalve aquaculture and fisheries: The influence of emerging diseases and environmental change	243,115	70,799
09NER064	University of New Hampshire	Addressing Issues of Hatchery Production and Grow Out of Sea Urchins for Aquaculture Development in the Gulf of Maine	236,503	52,906
09NWR01	Oregon Department of Fish and Wildlife	Improving monitoring methods for estimation of non-retained salmonids encountered in summer and fall Columbia River commercial fisheries	118,648	27,499
09NWR02	Oregon Department of Fish and Wildlife	Improving monitoring methods for estimation of non-retained salmonids encountered in Columbia River Spring Chinook Fisheries	190,401	25,982
09NER004	University of Massachusetts Darmtouth	Improving conservation of New England whelks (*Busycon* and *Busycotypus*)	220,381	34,988
09NER008	Board of Trustees, Southern Illinois University	Use of alternative lipid sources and finishing feeds to improve the nutritional value and safety of aquaculture products	183,548	71,206
09NER006	University of New England	Dismissing Dogma: The Use of Satellite Tags to Examine the Behavior of Spiny Dogfish (*Squalus acanthias*) in Relation to Habitat Use, Depth Preferences and Movement Patterns in the Northwest Atlantic	237,078	26,400
09SER027	University Of Miami	Developing Aquaculture Technology for Reproduction, Larval Rearing, Fingerling Production and Grow-out of Goggle Eye (*Selar crumenophthalmus*) a High-Value Marine Baitfish	264,614	60,332
09NER031	Woods Hole Oceanographic Institution	Development of an Integrated Economic and Ecological Framework for Ecosystem-Based Management of Fisheries in New England	130,468	44,930
09NER044	University of Maine System acting through UMaine	Establishment of an Atlantic cod breeding program for the US aquaculture industry	246,738	88,194
09NER038	Virginia Institute of Marine Science	Epidemiological Studies on a Parasitic Ciliate of Blue Crabs, *Callinectes sapidus*, and Its Possible Role in Winter Mortalities	247,767	27,700
		Grand Total	**$ 8,065,617**	**$ 1,802,626**

APPENDIX V: FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
The Univ. of Maine System acting through the Univ. of Maine	The Ecology of finfish pathogens in a bivalve/finfish integrated poly-trophic aquaculture system	249,464	95,476
Applied Food Technologies, LLC	Identification of Grouper at the Genus Level by a Discriminating PCR-Based Diagnostic	126,000	30,000
Atlantic Offshore Lobstermen's Association	Studying the viability of a proposed industry funded federal Area 3 lobster fishery buyout program in order to determine the conservation benefit, socioeconomic impacts and potential effort shifts.	36,900	12,730
Auburn University	Steps towards the first FDA/CVM-approved anesthetic for transport and handling of marine fish	112,500	18,900
Board of Trustees, Southern Illinois University	Use of Alternative Feedstuffs and Innovative Feeding Strategies in Marine Aquaculture	107,681	43,250
Brunswick Community College	Florida Pompano (*Trachinotus carolinus*) Production as a Nutrient Source for Algae for Biodiesel in a Recirculating Aquaculture System	198,180	94,194
Bukilau Foods LLC	Determining the suitability of artificially propagating three new marine species for open ocean cage culture: The Big Eyed Bream *Monotaxus grandoculis*, Blue-gray Snapper and *Aprion virescens*.	250,000	62,500
Catch a Piece of Maine	Catch a Piece of Maine: Lobster From our Trap to your Table	253,000	179,000
Coonamessett Farm Foundation, Inc	Loggerhead Sea Turtle Satellite Tagging Study	157,754	27,228
Cornell Cooperative Extension of Suffolk County	An evaluation of a non-toxic antifoulant for mariculture gear	36,174	25,774
Dantec Engineering, Inc.	Development of a self-contained modular dryer for utilization of sea-foods by-products and by-catch	249,787	82,697

APPENDIX V (CONTINUED): FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
Deep Blue Research LLC	Multi-Trophic Offshore Co-Culture of Fish and Sea Cucumbers	64,840	11,424
Downeast Institute for Applied Marine Research & Education	Enhancing sea scallop stocks in eastern Maine through applied aquaculture research and technology transfer	154,167	17,130
Duke University	Fishing Behavior, Fish Abundance and Climate Change	164,844	18,500
Eric James Schott	Monitoring reo-virus in the blue crab *Callinectes sapidus*: molecular tools for the soft shell industry and fishery management	180,401	30,000
Florida Atlantic University	Improving Technology for Production and Pre-Release Conditioning of Early Juvenile Redfish for Sportfish Enhancement	124,469	14,487
Florida Atlantic University	Understanding the Effect of Age and Environment on PaV1 Prevalence and Impact on Spiny Lobster, *Panulirus argus*, Fisheries and Culture	104,559	10,500
Florida Fish and Wildlife Conservation Commission	Is the calico scallop fishery in South Atlantic and Gulf of Mexico waters limited by reduced growth?	125,122	31,988
Florida Fish and Wildlife Conservation Commission	Genetic Stock Structures of Four High-Priority Gulf of Mexico and South Atlantic Marine Finfish Species	144,859	17,878
Florida Fish and Wildlife Conservation Commission	Characterization of Recreational-Discard Composition and Mortality for Gray Snapper and other Estuarine-Dependent Reef Fishes Within a Gulf Coast Estuary and Nearshore Florida Waters	222,495	27,356
Florida Gulf Coast University	Impacts of the red-tide organism (Volety)	225,000	25,460
Florida Keys Community College	Evaluation of electropositive metals as shark bycatch reduction technology during commercial pelagic longline fishing in the straits of Florida	199,425	25,000
Florida State University	"Fishing for a Solution: The Process and Impacts of Sustainable Seafood Certification"	209,621	23,297
George Mason University	Estimating discard mortality of elasmobranchs in bottom trawl fisheries	252,507	28,061
Georgia Department of Natural Resources	Georgia Blue Crab Cooperative Survey	148,382	32,049

APPENDIX V (CONTINUED): FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
GreatBay Aquaculture, LLC	Enhanced economic and environmental production of Atlantic cod based on advancements in hatchery production and integrated multi-trophic aquaculture	242,390	53,240
Gulf & South Atlantic Fisheries Foundation, Inc.	Assessment of Participatory Management in the Gulf and South Atlantic Fishery Management Arena	116,331	14,025
Gulf of Maine Lobster Foundation	Development of a Viable Timed-Release Lobster Buoy to Minimize Vertical Lines and Entanglement Potential	156,338	0
Gulf of Maine Research Institute	Understanding Opportunities and Barriers to Increased Profitability for the Gulf of Maine Lobster Industry	157,273	20,497
Gulf of Maine Research Institute	Trawl development to reduce the environmental impacts of demersal trawling and improve the socio-economic condition of the New England Groundfish Fishery.	170,837	101,606
Hawaii Institute for Public Affairs	Hawaii Fisheries Initiative, Phase II: Evaluation of Existing Data Collection Systems	180,000	20,760
Interstate Shellfish Sanitation Conference	ISSC *Vibrio vulnificus* illness reduction program	197,850	49,500
Just Lobster	This project will employ the Community Supported Fishery model, as well as direct marketing through local farmers markets to increase domestic consumption and utilization of Maine lobster	120,000	44,400
Kake Non-Profit Fisheries Corporation	Rocky Pass Geoduck "Grow-Out" Research Project	267,225	48,000
Louisiana State University Agricultural Center	Utilization of Economic Discards: Developing Functional Protein and Microencapsulated Astaxanthin Powder from Crawfish and Shrimp Processing Byproducts	175,546	45,694
Maine Department of Marine Resources	Determination of gear densities and endline risk mitigation strategies in Maine coastal waters	88,825	14,063
Maine Department of Marine Resources	A proposal to conduct collaborative research studies on two of Maine's 'Species of Concern' in the near-shore Gulf of Maine: Cusk (*Brosme brosme*) and Atlantic Wolffish (*Anarhichas lupus*).	74,463	32,650

APPENDIX V (CONTINUED): FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
Maine Department of Marine Resources	Enhancement of Coastal Populations of Atlantic Sea Scallops (*P.magellanicus*) Using Offshore Stocks: Examination of Risks & Development of Recommended Next Steps	176,433	35,438
Massachusetts Fishermen's Partnership Inc.	The economic impacts of "no-fishing" zones on Stellwagen Bank National Marine Sanctuary: an analysis of the small-scale ground-fishing fleet and their local coastal communities	249,763	32,020
Michigan State University	Halibut Allocation: Community Impacts in Southeast Alaska	173,801	62,564
Michigan State University	The use of reverse genetic approach to study pathogenic mechanisms of the Great Lakes strain of Viral Hemorrhagic Septicemia Virus	249,987	72,173
Michigan State University	Fostering Sustainable Fisheries through Seafood Labeling	249,902	191,181
Nova Southeastern University, Inc.	Assessment of Life-History Parameters for Two Bycatch Species in the U.S. Pelagic Longline Fishery: Escolar (*Lepidocybium flavobrunneum*) and Pelagic Stingray (*Pteroplatytrygon violacea*)	261,555	63,280
Oceanic Institute	Development of marine finfish hatchery technologies in support of marine aquaculture: biosecurity and fingerling production efficiency.	225,000	25,000
Old Dominion University Research Foundation	Genetic Population Structure of Summer Flounder (*Paralichthys dentatus*) Along the US Atlantic Coast	200,222	27,484
Old Dominion University Research Foundation	Pathogenic mycobacteria of striped bass and Atlantic menhaden: Ecology and transmission	213,304	30,989
Pacific Islands Fisheries Group	Hawaii Oio Tagging Project to track movement and growth of bonefish around the Island of Oahu, Hawaii.	84,180	40,000
Pacific Shellfish Institute	Microbial Ecology of Marine Bivalve Hatcheries: Detection and Control of *Vibrio tubiashii*	249,217	45,259
Penobscot East Resource Center	Sentinel groundfish fishery to ensure optimum utilization of harvested resources, and development of a spatially-explicit stock assessment model	267,683	109,249
Purdue University	Assessing Market Competitiveness of Yellow Perch	239,159	37,555

APPENDIX V (CONTINUED): FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
Quotamax, Inc	Alaska Fish By-Products: Turning Alaska fish waste into meal and feeds for use in State Salmon Hatcheries.	158,800	17,750
Regents of the University of Michigan	Changes in Trophic Position and Contaminant Pathways for Great Lakes Fishes Shifting Diets Native to Non-indigenous Species	194,543	55,344
Rutgers, The State University of New Jersey	A Retail and Food Service Price Elasticity and Value Assessment of Branded Aquaculture Hard Clam (*Mercenaria mercenaria*)	144,801	52,190
Scott T. Cook c/o "Capt. Dennis, Inc."	Assessment of Occurrence of the Spiny Lobster, *Panulirus argus*, in Offshore Waters of the Carolinas, USA	84,051	9,339
South Carolina Department of Natural Resources	Transcriptomic responses in shrimp species to viral challenges	229,390	40,952
State of Florida	Atlantic and Gulf Swordfish Market Development Program	191,764	32,689
System Science Applications, Inc.	Simulation software for Fish-Bivalve Integrated Aquaculture	199,860	76,480
Teresa M. Stafford	Labor Supply of Commercial Fishermen: An Empirical Analysis	2,700	300
Texas A&M Research Foundation	Construction of a Genetic Map for Direct Use in Aquaculture, Stock Enhancement, and Resource Management of Red Drum (*Sclaenops Ocellatus*)	80,860	24,750
Texas A&M Research Foundation	Survival, dispersal and fishery-contribution of hatchery-reared red drum (*sciaenops ocellatus*) released for stock enhancement in Texas waters	187,095	144,935
Texas A&M University-Corpus Christi	Impact of increased seawater temperature and CO2 on development of larval and juvenile southern flounder, *paralichthys lethostigma*	228,121	34,017
Texas A&M University-Corpus Christi	Life-threatening disease infections from fishing: evaluating the mode of transmission for the pathogen *vibrio vulnificus*, a human health hazard to fishermen	154,566	21,229
Texas A&M University-Corpus Christi	Effect of anthropogenic noise on nutrition, physiology and migration of red drum, *Sciaenops ocellatus*	192,514	81,584

APPENDIX V (CONTINUED): FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
The Ocean Foundation	A Thunnus gene chip to measure gender, reproductive status and captive condition in Northern Bluefin Tunas.	136,297	61,100
The Regents of the University of Michigan	Improving the Environmental Sustainability of Shrimp Aquaculture Systems through Microbial Resource Management and Life Cycle Assessment	259,833	97,438
The Research Foundation of SUNY	Restoring Long Island's winter flounder fishery: Influence of natural and anthropogenic factors on health, fitness and recruitment success.	255,868	57,938
The University of Southern Mississippi	Epidemiology of the pathogenic dinoflagellate *Amyloodinium ocellatum*: Life cycle analysis and identification of critical control points.	241,852	69,284
The University of Texas at Austin	Development of an Atlantic croaker baitfish aquaculture industry	248,537	75,089
Trustees of Dartmouth College	Identifying fish stocking practices to reduce mercury accumulation in stream fish	153,863	42,959
Univ. of Maine System Acting Through the Univ. of Maine	Sea Vegetables in Integrated Polytrophic Aquaculture	249,801	94,772
University of Alaska Anchorage	Implications of High Energy Costs for Alaska's Fishing Industry	249,803	27,756
University of Alaska Fairbanks	The Business of Fish Textbook: A Financial Management Guide for the US Commercial Fishing Industry	123,601	13,757
University of Florida	Post-release survivorship for scalloped (*Sphyrna lewini*) and great (*Sphyrna mokarran*) hammerhead sharks caught in commercial longline fisheries	194,400	21,600
University of Florida	Extraction, Characterization and Utilization of Bioactive Proteins and Peptides from Shrimp Processing Byproducts	241,699	55,564
University of Florida	Evaluating rates of capture and relative hooking mortality of bycatch in the pelagic longline fishery in the Gulf of Mexico	167,446	18,606
University of Georgia	Reducing bycatch in the shrimp industry: testing the capabilities of a newly certified turtle excluder device	44,590	6,421
University of Georgia	Reducing the Risks of Contaminated Seafood and Protecting Local Livelihoods in the Commercial Blue Crab Fishery	36,687	5,283

APPENDIX V (CONTINUED): FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
University of Maine System Acting Through the Univ. of Maine	Spatial Dynamics and Trophic Vectors Between Red Tides and Lobsters in the Gulf of Maine: A Risk Analysis	247,845	151,258
University of Maine System acting through the Univ. of Maine	The Development of a Disease Survey and Health Management Model for Molluscan Bivalves	238,094	84,135
University of Maine System acting through the Univ. of Maine	Employing Conjoint Analysis to Assess the Affects of Coastal Fisheries Culture on Tourism, Using the Lobster Culture in Rural Maine as a Model	154,237	29,613
University of Maine System acting through the Univ. of Maine	Feasibility study of unified, generic marketing effort for the American lobster (*Homarus americanus*).	156,140	52,329
University of Maine System acting through the Univ. of Maine	Developing a value-added biotechnology product from the American lobster catch.	243,694	85,551
University of Maine System acting through the Univ. of Maine	An analysis of voluntary participation in the New England Fisheries Management Council meetings and its impacts on policy development	98,136	18,842
University of Maryland Center for Environmental Science	Aquaculture Priority: Assessing Effects of Off-bottom Oyster Aquaculture on Nutrient Cycling and Benthic Habitat Quality	246,465	92,665
University of New Hampshire	Design and Test of a New Turtle Exclusion Device for Scallop Trawls to Reduce Turtle and Finfish Bycatch	224,919	35,987
University of New Hampshire	A Submersible Raft for Mussel Aquaculture	247,107	37,420
University of New Hampshire	Evaluation of the efficacy of using a Discard Mortality Reduction Device, The Hydrostatic Hinge, to enhance discard survival in the Long-line and Gill-net Fisheries	89,260	10,800
University of New Hampshire	Submerged Culture of Steelhead Trout	249,468	38,046
University of Rhode Island	Interaction Between Imported Aquaculture Products and Capture Fishery Products in the U.S. Market	255,399	60,188
University of Rhode Island	Use of the Edible Meat from American Lobsters (*Homarus americanus*) with Shell Disease	177,620	34,103
University of South Alabama	Market Development for the Southern Oyster Drill (*Stramonita haemastoma*): A Method to Enhance the Eastern Oyster (*Crassostrea virginica*) Fishery in the Northern Gulf of Mexico	220,925	28,551

APPENDIX V (CONTINUED): FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
University of Washington	Predator exclusion structures for protection of newly-outplanted juveniles in geoduck aquaculture operations of Puget Sound: An evaluation of influence on local ecosystem biodiversity.	203,961	25,000
Virginia Institute of Marine Science	Contemporary hatchery technology to address seed shortages in the mid-Atlantic.	249,519	113,991
Virginia Institute of Marine Science	Oyster aquaculture in shallow water ecosystems in the Chesapeake Bay: optimal carrying capacity guidelines for the industry and regulators.	200,000	25,632
Virginia Institute of Marine Science	The "100 Lobsters" Project: A Cooperative Demonstration Project on Epizootic Shell Disease in the American Lobster	248,759	30,439
Virginia Institute of Marine Science	Optimization of molecular methods for detecting and monitoring pathogenic human norovirus in bivalve shellfish	228,288	51,000
Virginia Institute of Marine Science	Genetic relationships between hatchery and field performance: selecting for eyed larvae production in the eastern oyster, *crassostrea virginica*	147,159	40,671
Virginia Polytechnic Institute and State University	Seafood Demand: Will ecolabel marketing reward well-managed fisheries and encourage conservation?	249,196	44,719
Washington Department of Fish & Wildlife	Selective fishing in a lacustrine environment	197,875	31,638
Washington Department of Fish & Wildlife	Evaluate reef nets for selective harvest	235,068	57,868
Washington Department of Fish and Wildlife	A multilateral research program to investigate aquaculture-based stock rebuilding, using lingcod (*Ophiodon elongatus*) as a model species	187,869	35,000
Washington Department of Fish and Wildlife	Columbia River Live Capture Commercial Fisheries	84,120	25,053
Western Fishboat Owners Association	Wild Pacific Albacore: Marketing Project	161,450	40,500
Wild American Shrimp Inc.	Wild American Shrimp Marketing Program	306,477	35,733

APPENDIX V (CONTINUED): FY 2009 S-K APPLICATIONS NOT RECOMMENDED FOR FUNDING

Applicant Name	Project Title	Federal Share (*in dollars*)	Matching Funds (*in dollars*)
Wild American Shrimp Inc.	Improve maintain and market high quality wild caught domestic shrimp products with an objective of increasing value to both US and foreign markets.	326,700	37,660
	Grand Total	**$ 19,414,506**	**$ 4,795,024**

APPENDIX VI: FY 2009 S-K APPLICATIONS DISQUALIFIED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
Auburn University	Aquaculture, Fisheries Socioeconomics	Evaluating Demand for Bait in Gulf Charter Fishing Communities, and the Potential for Aquaculture Products	182,579
Commonwealth of Massachusetts	Conservation Engineering	Protected Species and Lobster Fishing - A Comprehensive Research and Outreach Program	249,425
Cornell University	Optimum Utilization of Harvested Resources	Making Fish Gelatin Commercially Viable	90,057
Cornell University	Optimum Utilization of Harvested Resources	Human Responses to VHSV-related Fisheries Risks in the Great Lakes: Implications for Education, Management, and Policy	232,323
Dahl Natural	Optimum Utilization of Harvested Resources	Antigen Production by Gene Variation and Digestibility of Pulse Protein Concentrates Fed to Trout	245,000
Feral Cat Control	Optimum Utilization of Harvested Resources, Conservation Engineering	Implement techniques and educate to reduce the mortality of fish discarded or released and reduce or eliminate impacts of fishing activity on fish habitat.	120,000
Florida Fish and Wildlife Conservation Commission	Optimum Utilization of Harvested Resources	Characterization of Recreational-Discard Composition and Mortality for Gray Snapper and other Estuarine-Dependent Reef Fishes Within a Gulf Coast Estuary and Nearshore Florida waters.	234,672
Mark Kenneth Hesse	Aquaculture	A self-sufficient aqua-hydronic farm utilizing solar heated water and all fish/plant food grown in house.	100,000
Massachusetts Institute of Technology	Aquaculture	Acoustic Biomass Assessment in Axis-Symmetric Cages	246,878
Massachusetts Institute of Technology	Fisheries Socioeconomics	Socioeconomic Impacts of Herring Fishery Management in the Northeast	237,428
NC State University	Optimum Utilization of Harvested Resources	Producing Dry Forms of Surimi with High Functionality	247,781
National Fisheries Institute	Optimum Utilization of Harvested Resources	Collection of sex ratio data for summer flounder landings: commercial and recreational	212,252
New England Aquarium Corporation	Right Whale Gear Entanglement	A Forensic Study of North American Right Whale Entanglements	166,983

APPENDIX VI (CONTINUED): FY 2009 S-K APPLICATIONS DISQUALIFIED

Applicant Name	Priority	Project Title	Federal Share (*in dollars*)
The Curators of the University of Missouri	Aquaculture	Development of a low-cost diet for juvenile haddock through amino acid digestibility determination and fish meal replacement.	250,000
		Grand Total	**$ 2,815,379**