

## NPRB 2008RFP FUNDED PROPOSALS

Ref_no	Institutions requesting or providing funds	Investigators (PI = Principal; CI=Co-investigator;C=Collaborator)	Proposal Name	Requested funds	Board Decision
				<b>TOTAL</b>	<b>\$4,126,726</b>
			<b>1a.Oceanography and Lower Trophic Level Productivity</b>		<b>\$222,363</b>
38	University of Alaska Fairbanks	Georgina Gibson (PI), Kenneth Coyle (CI), Kate Hedstrom (CI)	Modeling processes controlling the on-shelf transport of oceanic mesozooplankton populations in the Gulf of Alaska and SE Bering Sea	\$169,050	\$169,050
40	Oregon State University, Prince William Sound Science Center	William Peterson (PI), Robert Campbell (C)	Comparison of long-term laboratory estimates of fecundity of Euphausia pacifica from the Gulf of Alaska and the northern California Current	\$53,313	\$53,313
			<b>1c. Fish and Invertebrates</b>		<b>\$2,244,560</b>
59	Seward Association for the Advancement for Marine Science dba Alaska SeaLife Center	Daniel Hennen (PI), John Maniscalco (C)	Testing the Localized Depletion Hypothesis: Is Steller Sea Lion Foraging Success Affected by Local Fish Effort?	\$249,775	\$249,775
29	Alaska Fisheries Science Center, Alaska Sealife Center, Woods Hole Oceanographic Institution	Jared Guthridge (PI), Gerald Hoff (PI), Hanumant Singh (PI), Olav Ormseth (C)	Habitat mapping and production estimate of skate nursery sites in the eastern Bering Sea	\$249,914	\$249,914
42	NOAA Fisheries, Alaska Fisheries Science Center	Paul Spencer (PI), Dana Hanselman (CI)	Evaluation of echosign data in improving trawl survey biomass estimates for patchily-distributed rockfish	\$249,905	\$249,905
6	Alaska Fisheries Science Center, Southwest Fisheries Science Center, University of New Hampshire	David Demer (PI), Christopher Rooper (PI), Thomas Weber (PI), Michael Martin (CI), Mark Wilkins (CI), Christopher Wilson (CI), Mark Zimmermann (CI)	Assessment of Rockfish Species in Untrawlable Habitat Using Advanced Acoustic, Optical and Trawl Technologies	\$242,346	\$242,346
5	Alaska Fisheries Science Center, National Oceanic & Atmospheric Administration, National Marine Fisheries Service, University of Alaska Fairbanks, University of Washington, U.S. Geological Survey	Pamela Jensen (PI), Ginny Eckert (CI), J. Morado (CI), Jeff Cordell (C), Gregory Jensen (C), Jim Winton (C)	Development of a quantitative PCR assay for simultaneous identification and enumeration of planktonic red king crab (Paralithodes camtschaticus) larvae	\$112,895	\$112,895
82	University of Alaska Southeast	Sherry Tamone (PI)	Reproductive indices of male snow crabs, Chionoecetes opilio from the Bering Sea: analysis of hormones, reproductive structures, and behavior	\$166,966	\$166,966
14	NOAA (Alaska Fisheries Science Center), University of Washington	Andre Punt (PI), Benjamin Turnock (PI)	Determining the Implications of Uncertainty in Snow Crab Recruitment using Management Strategy Evaluation	\$212,799	\$212,799
9	Alaska Department of Fish and Game, NOAA Alaska Fisheries Science Center, NOAA Joint Institute for the Study of the Atmosphere and Ocean, University of Washington, Rutgers, The State University of New Jersey, University of Alaska Fairbanks	Enrique Curchitser (PI), Albert Hermann (PI), Gordon Kruse (PI), Jeffrey Napp (PI), Jie Zheng (C)	Recruitment Mechanisms for Tanner Crabs in the Eastern Bering Sea	\$248,190	\$248,190
34	AFSC, Alaska Fisheries Science Center	Peter Munro (PI), M. Conners (CI), Dan Nichol (C), Dave Somerton (C), Grant Thompson (C)	Pacific cod (Gadus macrocephalus) migration and distribution related to spawning in the eastern Bering Sea: a mark-recapture experiment on a large geographic scale	\$248,680	\$248,680
11	Alaska Fisheries Science Center, Oregon State University	Thomas Hurst (PI), Jessica Miller (PI), Jamal Moss (CI), Lorenzo Ciannelli (C), Janet Duffy-Anderson (C), Benjamin Laurel (C), Sandra Neidetcher (C)	Estimating source contribution and dispersal histories of Pacific cod recruits using otolith elemental composition	\$232,113	\$232,113
12	Alaska Fisheries Science Center, Montana State University	Ingrid Spies (PI), Steven Kalinowski (C)	A landscape genetics approach to Pacific cod (Gadus macrocephalus) population structure in the Bering Sea and Aleutian Islands; investigation of ecological barriers to connectivity between potentially distinct population components	\$30,977	\$30,977

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			<b>1d. Marine Mammals</b>		<b>\$176,349</b>
33	Chesapeake Biological Laboratory (CBL), USGS Alaska Science Center	Jacqueline Grebmeier (PI), Chadwick Jay (PI)	Walrus Distributional and Foraging Response to Changing Ice and Benthic Conditions in the Chukchi Sea	\$176,349	\$176,349
			<b>1e. Seabirds</b>		<b>\$314,209</b>
46	Prince William Sound Science Center, U.S. Fish & Wildlife Service	Mary Bishop (PI), Neil Dawson (CI), Kathleen Kuletz (C)	Body condition of Marbled Murrelets: Consequences for Overwinter Survival During a Period of Collapsed Herring Stocks	\$76,066	\$76,066
55	University of Tennessee, University of Wyoming, U.S. Fish and Wildlife Service	James Lovvorn (PI), Lee Cooper (C), Jacqueline Grebmeier (C), William Larned (C)	Measuring and Modeling Habitat Use by Spectacled Eiders Wintering in the Bering Sea	\$238,143	\$238,143
			<b>1g. Contaminants</b>		<b>\$188,770</b>
49	Aleutian Pribilof Islands Association, UAF School of Fisheries and Ocean Sciences, University of Alaska Fairbanks	Raymond Ralonde (PI), Bruce Wright (PI), Brian Himelbloom (CI)	Using blue mussels as an indicator species for testing domoic acid toxicity in subsistence bivalve harvest	\$88,832	\$88,832
78	Bureau of Indian Affairs, Kawerak Inc., Laboratoire de Chimie Analytique Bioinorganique et Environnement, National Institute of Standards and Technology, U.S. Fish and Wildlife Service	Austin Ahmasuk (PI), Paul Becker (PI), David Roseneau (PI), Austin Ahmasuk (CI), Paul Becker (CI), Glenn Chen (C), Rusty Day (C), Olivier Donard (C), David Point (C), Stacy Vander Pol (C)	Mercury levels in murre and gull eggs harvested for food in the Norton Sound region and potential sources of contamination	\$99,938	\$99,938
			<b>2. Local and Traditional Knowledge</b>		<b>\$99,535</b>
76	Ahtna Incorporated, Alaska Department of Fish and Game, Alaska Department of Fish and Game/Division of Subsistence, Cheesh-na Tribal Council, Cordova District Fishermen Untied, Ecotrust, Mentasta Tribal Council, North Cape Fisheries Consulting, University of Alaska	William Simeone (PI), James Brady (CI), Donna Hicks (CI), Marie Lowe (CI), Erica McCall Valentine (CI), Liliana Naves (CI), Gloria Stickwan (CI), Joe Hicks (C), Shawn Sanford (C), Rochelle van den Broek (C)	Cultural Models of Copper River Salmon Biology	\$99,535	\$99,535
			<b>3. Collaboration with OSRI (50:50)</b>		<b>\$74,989</b>
85	Northern Economics, Inc.	Patrick Burden (PI), Leah Cuyno (CI)	Modeling the economic, social, and fiscal impacts on a coastal community of activities or events such as oil spills, changes in the ecosystem, changes in management and regulations, and other external factors including changes in consumer preferences using the community of Cordova as a case study	\$74,989	\$74,989
			<b>4 Cooperative Research with Industry</b>		<b>\$481,320</b>
62	Bering Sea Fisheries Research Foundation, Fishery Science Advisors, Natural Resources Consultants, Inc.	Steven Hughes (PI), Scott Goodman (C), Gary Stauffer (C)	Assessment of Bristol Bay Red King Crab Resource for Future Management Action – Implementing a Cooperative Approach	\$209,900	\$209,900
26	University of Alaska Fairbanks	Kate Wynne (PI), Allison Rice (CI)	Monitoring, avoiding, and deterring humpback whale bycatch in coastal Alaskan fisheries: a cooperative approach	\$248,150	\$150,000
23	Greeneridge Sciences Inc., Regents of the University of California, Shell Exploration & Production Company	Aaron Thode (PI), Charles Greene (C), A. Michael Macrander (C)	Ambient Noise monitoring in the Beaufort Sea using autonomous vertical arrays	\$121,420	\$121,420
			<b>6. Aleutian Islands</b>		<b>\$362,125</b>
61	Far Eastern Branch of the Russian Academy of Sciences, National Oceanic and Atmospheric Administration (NOAA), University of Alaska Fairbanks, University of Southern Mississippi	Dmitri Nechaev (PI), Gleb Panteleev (PI), Vladimir Luchin (C), Phyllis Stabeno (C)	COLLABORATIVE RESEARCH: DYNAMICALLY CONSISTENT SYNTHESIS OF IN SITU AND SATELLITE MEASUREMENTS IN THE ALEUTIAN PASSES	\$262,189	\$262,189
17	NOAA Pacific Marine Environmental Laboratory	James Overland (PI)	An Important Use for Aleutian Island Indicators-Hunting Black Swans	\$99,936	\$99,936
				<b>TOTAL</b>	<b>\$4,126,726</b>