

# List of proposals

*AFSC -- REFM Division (SSMA Program) and ABL (MESA Program)*

## 2013 Funded proposals

<b>PIs</b>	<b>Title</b>	<b>Source</b>
Holsman, K., M. Baker, K. Aydin, and <b>J. Ianelli</b> .	Comparative analysis of the influence of physical variables and trophic interactions on reference points estimated from multispecies and single species stock assessment models.	Assessment Methods Working Group (AMWG)
Chris Wilson, Kresimir Williams, Alex De Robertis, and <b>Martin Dorn</b> .	Evaluation of bottom-moored echosounder network to provide a survey-comparable index of abundance.	Advanced Technology Working Group (ATWG)
Ben Laurel, <b>Grant Thompson</b> and Mike Canino	Comparing near shore and large scale surveys to estimate gadid recruitment.	AMWG
<b>Conners, E.</b>	Developing pot survey gear for octopus.	Coop Res
<b>E. Logerwell, M. Dorn, G. Kruse, S. McDermott, C. Ladd, Wei Cheng</b>	Spatial and temporal variability of walleye pollock fecundity estimates for the Gulf of Alaska and eastern Bering Sea	FATE
<b>Ingrid Spies</b>	Develop a genetics Management Strategy Evaluation (gMSE) for Skagerrak and North Sea cod	Research Council of Norway
<b>McDermott, Logerwell,</b> and Todd Loomis	Small scale abundance and movement of Atka mackerel and other Steller sea lion groundfish prey in the Western Aleutian Islands.	NPRB
<b>Hollowed, Bond, Ianelli</b> and Kang	Chub Mackerel Management Strategy Evaluation	US-ROK Bilateral
<b>Hollowed, Aydin, Kim</b>	Assessment of Ecosystem Based Fisheries Management in the Bering Sea (formerly IFRAME for Eastern Bering Sea)	US-ROK Bilateral
<b>Turnock, Lee, Kruse</b>	Snow crab management strategies	US-ROK Bilateral
<b>Barbeaux, Lee</b>	Towards the development of low-cost cooperative ocean monitoring network	US-ROK Bilateral
<b>Stockhausen, Kang -</b>	Developing "nowcasts" for recruitment of common squid and other fishery species in US and Korean waters	US-ROK Bilateral

<b>Tribuzio, C.</b> , Kruse, Bechtol	Investigation of new methods for aging spiny dogfish	NPRB
<b>Rodgveller, C., C. Lunsford,</b>	Sablefish logbook dockside collection and data entry. Funded in consecutive years from 2006-current	NOAA Cooperative Research
Helser, Matta, <b>Ormseth,</b> Miller	Otolith microchemical fingerprinting: Assessing juvenile Pacific cod habitat utilization in the Gulf of Alaska (yr 2)	EFH
<b>TenBrink, T. and S. Lowe</b>	IDIQ Conduct histological and maturity analysis of flatfishes of the Eastern Bering Sea/Aleutian Islands/Gulf of Alaska	AFSC Core

## 2012 Funded proposals

<b>PIs</b>	<b>Title</b>	<b>Source</b>
<b>Hollowed,</b> Aydin, and Trevor Branch	Defining eco-regions and applying spatial analyses of species abundance, community dynamics and stock substructure to incorporate habitat in SSMs and MSMs.	HAIP
Laurel, <b>Thompson,</b> Ciannelli, Gregory, Olsen, Knutsen, Bradbury, Urban, Morris, Cote and Canino	Using coastal nursery habitat surveys in stock assessment and forecasting recruitment in gadid fisheries	AMWG
Napp, <b>Logerwell,</b> Norcross, Farley, Parker-Stetter, Weingartner, Pickart, Metcalf, Hepa, Lauth, Wilson, Horne, Raborn:	Fish of the Beaufort and Chukchi Seas: community structure, human use, and mechanisms determining similarities and differences (aka A Tale of Two Shelves)	BOEM
Matta, Helser, <b>Ormseth,</b> Hurst.	Otolith microchemical fingerprinting: Assessing juvenile Pacific cod habitat utilization in the Gulf of Alaska	EFH
<b>Hurst,</b> Cooper, Duffy-Anderson, Stoner	Essential fish habitats of juvenile Pacific cod, yellowfin sole, and northern rock sole along the Alaska Peninsula	EFH
Ryer, Copeman, <b>Spencer,</b> Ottmar, Iseri	Determinants of juvenile Tanner crab growth from different nursery embayments.	EFH

## 2011 Funded proposals

PIs	Title	Source
Essington, Branch, and Mantua, <b>Hollowed, Spencer,</b> and Haltuch	Improving ecosystem-based stock assessment and forecasting by using a hierarchical approach to link fish productivity to environmental drivers.	FATE
Heppell and <b>Thompson</b>	Identification of abiotic and biotic factors in the diet of groundfish in the Gulf of Alaska	FATE
<b>Dorn</b> and Wespestad	Cooperative Acoustic Surveys WGoA	Cooperative Research project
<b>Wilderbuer, TenBrink, Ianelli;</b>	Developing maturity schedules for data-poor commercially important flatfishes (Arrowtooth flounder, Kamchatka flounder, Alaska plaice, Greenland turbot and yellowfin sole) in the eastern Bering Sea and Aleutian Islands.	NPRB
Punt, Maunder, <b>Ianelli</b>	Development of a package of functions for AD Model Building to facilitate the development of custom stock assessment models.	AMWG
<b>McDermott and Munro;</b>	Small-scale Atka mackerel population abundance and movement in the western Aleutian Islands, an area of continuing Steller sea lion decline.	NPRB
<b>Turnock and Ianelli</b>	Development of package of functions for custom crab assessment models.	AFSC Core
Three projects funded:	Subtasks 1-3	US-ROK
<b>Hollowed, Ianelli, Lee and Turnock</b>	Subtask1: Stock projection model for Pacific or jack mackerel that incorporates the bio-physical forcing mechanisms.	US-ROK
<b>Hollowed, Zhang and Aydin</b>	Subtask 2: IFRAME model to assess the impact of climate change on marine ecosystems in Korea.	US-ROK
<b>Stockhausen, Kang</b>	Subtask 3: The use of coupled biophysical for chub mackerel.	US-ROK
Mordy, Lomas, Bond, Hermann, Hunt, Stabeno, Napp, Ressler, De Robertis, Eisner, <b>Sigler</b>	Impact of sea-ice on bottom-up and top-down controls of crustacean zooplankton and the mediation of carbon and energy flow in the eastern Bering Sea	NSF

## 2010 Funded Proposals

PIs	Title	Source
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Hilborn, Baum, Collie, Clarke, Fogarty, <b>Hollowed</b> , Jensen;	Fish productivity and fishing impacts compared across a range of marine ecosystems	CAMEO
<b>Dorn, Ianelli</b> , Wilson, Woillez and Punt	Improving Assessment Methods: developing and evaluating alternative estimators of survey uncertainty	AMWG
<b>Ormseth</b> , DeRobertis, Horne, Budge, Wang	GOA IERP Middle Trophic Level Component	NPRB
Hinckley, Gibson, <b>Stockhausen</b> , Coyle, Gaichas, Hermann, Ladd, and Parada	GOA IERP modeling proposal.	NPRB
Black, Helser, Matta, <b>Wilderbuer</b>	Impacts of climate on long-term growth patterns of yellowfin sole in the Bering Sea; empirical modeling and incorporation into stock assessment models	FATE
Megrey, <b>Dorn</b> , Horne, Punt, Ladd	Forecasting walleye pollock recruitment in the Gulf of Alaska using a Bayesian life-stage recruitment model	FATE
<b>Logerwell, McDermott, Rand</b>	Small-scale Atka mackerel population abundance and movement in the western Aleutian Islands, an area of continuing Steller sea lion decline	NPRB
<b>Logerwell</b>	IDIQ for an 11 month appointment as a biological technician to assist with processing pollock maturity samples and field preparation.	AFSC core
<b>Dorn</b>	IDIQ for processing GOA pollock cooperative survey data.	AFSC Core
Williams, Towler, Rose, McEntire, King, <b>Hollowed</b> , Wilson	Development of an Optical Sampling Trawl (OST) for use in groundtruthing species and size composition of acoustic backscatter (year 2).	ATWG

## 2009 Funded Proposals

PIs	Title	Source
<b>Spencer and TenBrink</b>	Maturity of blackspotted ( <i>Sebastes melanostictus</i> ), roughey ( <i>S. aleutianus</i> ) and shortraker ( <i>S. borealis</i> ) rockfish in the Aleutian Islands: filling critical life-history data gaps for data-poor commercially important rockfishes	NPRB
<b>Ormseth</b> , Norcross, Holladay	Near shore fish habitat in Bristol Bay	EFH

<b>Conners</b> , Conrath, Brewer	Octopus field studies	NPRB
Giannelli, <b>Ianelli</b> , <b>Stockhausen</b> , Duffy Anderson	Greenland turbot spawning in BSAI canyons	NPRB
Bond, <b>Hollowed</b> , Overland, <b>Wilderbuer</b>	Statistical downscaling forecasting climate change	FATE
Quinn and <b>Ianelli</b> ;	Spatial models for Eastern Bering Sea pollock	PCCRC
<b>Ianelli</b>	Southern Bluefin Tuna workshop for management procedure evaluations	Comm. for the Cons. of S Bluefin Tuna
<b>Ianelli</b> , Aydin and Holsman	Multispecies stock assessments	AMWG
<b>McDermott</b> and <b>Ormseth</b>	Pacific cod large-scale movement: testing feasibility of using archival light sensor tags to determine geolocation	NMFS Cooperative research
<b>Dorn</b> , Wespestad and Stewart	NMFS to assess pollock spawning in the western GOA	NMFS Cooperative research
Bychkov and <b>Hollowed</b>	ICES/PICES meeting on Forecasting Climate Change Impacts on Fish and Fisheries.	NPRB
Kresimir Williams, Rick Towler, Craig Rose, Scott McEntire, David King, <b>Anne Hollowed</b> , Chris Wilson	Development of an Optical Sampling Trawl (OST) for use in groundtruthing species and size composition of acoustic backscatter.	ATWG

## 2008 Funded Proposals

<b>PIs</b>	<b>Title</b>	<b>Source</b>
<b>Munro and Neidetcher</b>	P. cod tagging project.	Cooperative research
<b>Munro</b> , Nichol, Somerton	Pacific cod ( <i>Gadus macrocephalus</i> ) migration and distribution related to spawning in the eastern Bering Sea; a mark-recapture experiment on a large geographic scale	NPRB
<b>Dorn</b> and Wespestad	Gulf pollock project spawning survey in western GOA.	Cooperative research
<b>Hollowed</b> , <b>Barbeaux</b> , Cokelet, Kotwicki, Ressler, Stabeno, Wilson	Fish Component	BSIERP

<b>Spencer and Hanselman</b>	Evaluation of echosign data in improving trawl survey biomass estimates for patchily-distributed rockfish.	NPRB
<b>Turnock</b> and Punt	Determining the implications of uncertainty in snow crab recruitment using management strategy evaluation.	NPRB
Boldt, <b>Hollowed</b> , Aydin, <b>Livingston</b>	Index development and ecosystem monitoring and assessment.	FATE
<b>Spies</b>	Landscape genetics of Pacific cod in the Aleutian Islands and Bering Sea	NPRB
<b>Heintz</b>	Seasonal bioenergetics.	BSIERP
Aydin, Dalton, Moffit Haynie, <b>Ianelli</b> , Punt;	Modeling and MSE.	BSIERP