

***Lists of Recently Funded Proposals  
Stock Assessment Program Review  
May 19-23, 2014***

<b>Principal Investigators</b>	<b>Year</b>	<b>Title</b>	<b>Source</b>	<b>Amount</b>
Deroba JJ, Schueller, AM	2010	Beyond a constant value: an evaluation of stock assessment methods that incorporate age and time varying natural mortality	NOAA NMFS Stock and Habitat Assessment Improvement Plans	\$16,000
Stockwell JD, Deroba JJ, et al.	2010	Community-Base research to support the Maine lobster industry	Maine Technology Asset Fund	\$532,000
Pershing AJ, Deroba JJ, et al.	2009	Using interdecadal comparisons to understand trade-off between abundance and condition in fishery ecosystems	CAMEO	\$480,000
Jim Thorson, Elizabeth Brooks, Rick Methot	2014	Simulation Study to Improve Forecasts of Stock Rebuilding and Estimated Probability of Exceeding Target/Limit Reference Points in the Presence of Autocorrelation and Environmentally Driven Recruitment	Assessment Methods Working Group	\$120,000
Mark Wuenschel, Elizabeth Brooks, Ed Trippel, Lou Van Eeckhaute	2012	Environmental effects on Georges Bank haddock productivity: evaluation of alternative indices of stock reproductive potential	Fisheries and the Environment	\$39,098
Chris Legault, Elizabeth Brooks, and Tim Miller	2011	Development of a Simulation Model to Study Problems Encountered Using Surveys in Stock Assessments	Assessment Methods Working Group	\$82,500
Elizabeth Brooks, James Manning, Loretta O'Brien, Gregory Lough, Chris Legault	2011	Use of environmental indices to refine the estimation of multi-year catch projections for specifying annual catch limits (ACLs)	Fisheries and the Environment	\$181,600
Mark Wuenschel, Elizabeth Brooks, Kevin Friedland, Sandy Sutherland, Richard McBride	2009	Evaluating the influence of the fall phytoplankton bloom on the energy available for growth and reproduction, and subsequent recruitment of Georges Bank haddock	Fisheries and the Environment	\$38,000
DR Hart, BV Shank, D Munroe, D Haidvogel, J Klinck, E. Powell	2013	Evaluation of larval sources and connectivity in Mid-Atlantic sea scallop populations	Fisheries and the Environment	189,008
DR Hart, T Noji, V. Guida, R. Langdon, BV Shank, R Johnston, S Gallager, A York, J Futrelle, L Mayer	2014	Integrating Habitat Information into Stock Assessments to Maximize Precision: A Case Study Using Data from the Annual Sea Scallop Survey Provided by HabCamV4, an Integrated Habitat Mapping Camera and Acoustics	Habitat Assessment Improvement Program	154,000
KD Friedland, DR Hart	2009	Relating Environmental Conditions to Recruitment and Growth of the Atlantic Sea Scallop ( <i>Placopecten magellanicus</i> ).	Fisheries and the Environment	96,000

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Richard Wahle, Andrew Pershing, Larry Jacobson	2013	Using the American Lobster Settlement Index and Environmental Indicators to Forecast Lobster Fishery Recruitment	Fisheries and the Environment	\$137,000
Janet Nye, Jonathan Hare, Charles Stock, Mike Alexander, Kiersten Curti, Katie Drew	2012	Projecting the effects of climate change on river herring in both freshwater and marine habitat	Fisheries and the Environment	185,000
TJ Miller, S-Y Hyun	2014	A state space age-structure model with variation in natural mortality and heterogeneity in observation error variances	Stock Assessment Improvement Program	\$97,000
Brian Linton, Michael Wilberg	2014	Development and testing of a new method for selecting among stock assessment models	Stock Assessment Improvement Program	\$95,574