Applicant Name	Pis
University of Maryland Center for Environmental Science	Houde, Secor
Virginia Institute of Marine Science	Mann
Virginia Institute of Marine Science	Mann
Virginia Commonwealth University	Garman
Smithsonian Institution	Johnson, Hines
Smithsonian Institution	Johnson, Hines
Old Dominion University Research Foundation	McConaugha, Wells
Virginia Institute of Marine Science	Carnegie
Virginia Institute of Marine Science	Kellogg
Virginia Institute of Marine Science	Fisher

Virginia Institute of Marine Science	Fabrizio
University of Maryland Center for Environmental Science	Houde
Virginia Institute of Marine Science	Fabrizio
Virginia Institute of Marine Science	Latour
Virginia Institute of Marine Science	Seitz
Virginia Institute of Marine Science	Hale

Project Title
Estimating abundance of Atlantic menhaden in Chesapeake Bay: Comparing and evaluating methods and retrospective analysis
A bay-wide approach to oyster stock assessment, estimates of vital rates and disease status.
Oyster planting protocols to deter losses to cownose ray predation
Predation by introduced blue catfish as a potentially important and novel source of mortality for selected fishery resources in Chesapeake Bay waters
Evaluating Population Level Impacts of Sperm Limitation on the Chesapeake Blue Crab Stock
Trophic dynamics of blue catfish in Maryland
Effects of Changing Population Density on Blue Crab Reproduction
Influence of Oyster Reef Elevation on the Health of Crassostrea virginica
Scaling ecosystem services to reef development: effects of oyster density on nitrogen removal and biodiversity
Discrimination of Cownose Ray, Rhinoptera bonasus, Stock Based on Microsatellite DNA Markers

Year 2 - Quantifying the interactive effects of hypoxia, temperature, and mycobacteriosis on striped bass (Morone saxatilis) and their impact on the energetics and ecology of these fish
A retrospective analysis of spatial and temporal patterns of growth and abundance of juvenile anadromous fishes in the Maryland Chesapeake Bay
Estimating Population Size and Survival Rates of Blue Catfish In Chesapeake Bay Tributaries
Characterizing the growth dynamics of blue catfish in the Chesapeake Bay watershed
Population Decline and Restoration of Soft-Shell Clams in Chesapeake Bay: Role of Predation, Habitat, Disease, and Environmental Factors
Expansion of the blue catfish fishery as a population control strategy: influence of ecological factors on fish contaminant burdens