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Award Number	Project Title	Recipient	Project Start Date	Project End Date	Federal Funding	Principal Investigators
NA17FU2841	The blue crab, <i>Callinectes sapidus</i> : an integrated research program of basic biology hatchery technologies and the potential for replenishing stocks.	University of Maryland, Biotechnology Institute	03/01/2002	11/30/2007	\$7,302,649.00	Yonathan Zohar
NA17FL2583	Chesapeake Bay Oyster Restoration Activities	Chesapeake Appreciation Inc.	03/01/2002	12/31/2006	\$6,137,970.00	Penny Jurick
NA17FU1652	ASSESSMENT OF CHESAPEAKE BAY COMMERCIAL SOFTSHELL CLAMS MYA ARENARIA AND TAGELUS PLEBEIUS WITH EMPHASIS ON ABUNDANCE AND DISEASE STATUS	Maryland Department of Natural Resources	06/01/2002	02/29/2008	\$121,825.00	Mark Homer, Mitchell Tamowski
NA17FU1655	TAGGING STUDIES OF BLUE CRABS IN CHESAPEAKE BAY	Virginia Institute of Marine Science	09/01/2002	06/30/2006	\$422,530.00	John Hoenig, Romuald Lipcius
NA17FU2890	Fisheries Management Coordination and Community Modeling Support	Chesapeake Research Consortium, Inc.	10/01/2002	09/30/2008	\$1,891,086.00	Kevin Sellner
NA17FU1654	A DYNAMIC MASS BALANCE MODEL OF THE CHESAPEAKE BAY ECOSYSTEM	University of British Columbia	10/01/2002	09/30/2006	\$359,832.00	Villy Christensen
NA03NMF4570378	Estimating Relative Juvenile Abundance of Ecologically Important Finfish and Invertebrates in the Virginia Portion of Chesapeake Bay	Virginia Institute of Marine Science	06/01/2003	05/31/2007	\$801,853.00	Mary Fabrizio
NA03NMF4570239	Headwaters of the James: A Source for Environment-Based Learning	Mary Baldwin College	08/01/2003	08/31/2006	\$125,658.00	Tamra Willis
NA03NMF4570244	Student Training in Aquatic Research (STAR)	Smithsonian Institution	08/01/2003	10/31/2006	\$223,014.00	Mark Haddon
NA03NMF4570243	Meaningful Bay Experiences for High School Students in the District of Columbia	District of Columbia Department of the Environment	08/01/2003	09/30/2008	\$534,000.00	Hamid Karimi, Bonita Thompson



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NA03NMF4570240	Using GPS and GIS to Direct Watershed Education and Restoration Efforts in the Potomac/Shenandoah Valley	Virginia Polytechnic Institute and State University	08/01/2003	12/31/2006	\$160,971.00	Jeffrey Kirwan
NA03NMF4570246	Chesapeake Bay Foundation's Chesapeake Classrooms Initiative	Chesapeake Bay Foundation	08/01/2003	06/30/2007	\$800,000.00	Don Baugh
NA03NMF4570463	RESTORATION OF EELGRASS COMMUNITIES IN CHESAPEAKE BAY WITH SEEDS: THE EMERGING ISSUES	Virginia Institute of Marine Science	09/01/2003	09/30/2007	\$226,644.00	Robert Orth
NA03NMF4570242	From Chesterfield to the Chesapeake: Teaching the Watershed	Chesterfield County Public Schools	09/01/2003	08/31/2006	\$92,291.00	Ken Butta, Susan Dandridge
NA03NMF4570377	Striped Bass Stock Health Assessment: Mycobacteriosis Prevalence and Distribution	University of Maryland, College Park	09/01/2003	08/31/2007	\$344,173.00	Andrew Kane, Vonnie Perkins
NA03NMF4570462	LARGE-SCALE EELGRASS RESTORATION IN THE PIANKATANK RIVER, VIRGINIA	Virginia Institute of Marine Science	09/01/2003	03/31/2007	\$257,410.00	Robert Orth
NA03NMF4570213	Field Experiences in the Chesapeake Bay Watershed for ninth grade students in Keystone Central School District	Keystone Central School District	09/01/2003	08/31/2006	\$29,579.00	Wayne McCollough
NA03NMF4570237	Virginia Sixth Grade Science Standards Institute: A collaborative for Meaningful Watershed Education	Virginia Department of Environmental Quality	09/01/2003	01/31/2009	\$154,250.00	Ann Regn
NA03NMF4570221	EnvironMentors Project Inner School Academy	National Environmental Education and Training Foundation	09/01/2003	09/30/2009	\$154,517.00	Deborah Sliter
NA03NMF4570215	Bay Grasses in Classes - Using Student Grown Bay Grasses for Education, Restoration, and a Meaningful Bay Experience	Maryland Department of Natural Resources	09/01/2003	09/30/2006	\$280,475.00	Thomas Parham

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NA03NMF4570220	Virginia Chesapeake Bay Watershed Academy	Virginia Resource Use Education Council	10/01/2003	08/31/2006	\$210,000.00	Barry Fox, Dawn Shank
NA03NMF4570217	Watershed: "a lifetime of stewardship"	National Audubon Society, Inc.	10/01/2003	09/30/2006	\$161,997.00	Mark Scallion
NA03NMF4570470	Large-Scale Restoration of Eelgrass (<i>Zostera marina</i>) on the Patuxent River, Maryland	Maryland Department of Natural Resources	11/01/2003	12/31/2008	\$472,859.00	Lee Karrh, Mike Naylor
NA03NMF4570471	Site Assessments for Future, Large-Scale Submerged Aquatic Vegetation Restoration in Chesapeake Bay	Maryland Department of Natural Resources	01/01/2004	12/31/2008	\$911,652.00	David Goshorn, Lee Karrh
NA03NMF4570228	Chesapeake Research Fellowship Professional Development Program for Teachers	University of Maryland, Center for Environmental Science	05/01/2004	04/30/2010	\$470,655.00	Jonathan Kramer, Bonny Marcellino
NA04NMF4570263	Chesapeake Connections Program	Anne Arundel County Board of Education	05/01/2004	04/30/2006	\$127,283.00	Steve Barry
NA04NMF4570272	Training Prince George's & Charles County Teachers in Potomac River & Chesapeake Bay Watershed Issues & Investigations	Alice Ferguson Foundation, Inc.	06/01/2004	06/30/2007	\$194,789.00	Libby Campbell, Tawna Mertz, Karen Miles, Helen Nelson, Tammy Shupard
NA04NMF4570261	Potomac Stream Samplers: Caring for our watershed from the mountains to the sea	The Mountain Institute	06/01/2004	12/31/2007	\$177,302.00	None Designated
NA04NMF4570275	The Rivianna River: A Heritage Resource for Student Learning	Rivanna Conservation Society	06/01/2004	06/30/2007	\$62,028.00	None Designated
NA04NMF4570356	Trophic portfolios in commercial fishing: a finance based approach to ecosystem management with an application to the Chesapeake Bay	Duke University	07/01/2004	10/31/2006	\$100,034.00	Martin Smith



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Award Number	Project Title	Recipient	Project Start Date	Project End Date	Federal Funding	Principal Investigators
NA04NMF4570386	Oyster Restoration Monitoring Program-Virginia	Virginia Institute of Marine Science	07/01/2004	06/30/2007	\$3,800,000.00	Roger Mann
NA04NMF4570355	Trophic portfolios in commercial fishing: a finance based approach to ecosystem management with an application to Chesapeake Bay fisheries	Resources for The Future	07/01/2004	06/30/2006	\$96,792.00	Martin Smith
NA04NMF4570273	Wetland Education Initiative	Environmental Concern, Inc	07/01/2004	06/30/2007	\$54,708.00	None Designated
NA04NMF4570274	From our creek to our Bay: Watershed Wanderers	Virginia Aquarium & Marine Science Center Foundation, Inc.	08/01/2004	07/31/2008	\$238,271.00	Kristin Mullen, Chris Witherspoon
NA04NMF4570359	Menhaden abundance and productivity in Chesapeake Bay: linking the environment and primary production to variability in fish recruitment	University of Maryland, Center for Environmental Science	08/01/2004	07/31/2008	\$523,790.00	Edward Houde
NA04NMF4570262	Mapping & Monitoring Maryland Streams	University of Maryland, Center for Environmental Science	09/01/2004	12/31/2007	\$162,406.00	Cathlyn Styliński
NA04NMF4570268	Watershed Course Development of Delaware Clusters	University of Delaware	09/01/2004	08/31/2007	\$94,529.00	William Hall
NA04NMF4570432	Assessing levels of genetic variation within and among native populations and hatchery stocks of the Suminoe oyster <i>Crassostrea ariakensis</i> using a suite of molecular markers	Virginia Institute of Marine Science	10/01/2004	03/31/2007	\$301,332.00	Kimberly Reece
NA04NMF4570433	Biological material support for studies on <i>Crassostrea ariakensis</i>	Virginia Institute of Marine Science	10/01/2004	09/30/2008	\$290,998.00	Standish Allen



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Award Number	Project Title	Recipient	Project Start Date	Project End Date	Federal Funding	Principal Investigators
NA04NMF4570422	Pathogenic bonamia sp. from North Carolina: field and laboratory trials to characterize potential risk to <i>C. ariakensis</i> in the mid-Atlantic region	Virginia Institute of Marine Science	10/01/2004	09/30/2007	\$527,038.00	None Designated
NA04NMF4570270	Schoolyard Habitat Initiative	Maryland Association for Environmental and Outdoor Education	10/01/2004	09/30/2006	\$161,400.00	None Designated
NA04NMF4570424	Genetic and ecological structure of oyster estuaries in China and factors affecting success of <i>Crassostrea ariakensis</i> : Clues from a reclassification	Rutgers, The State University of New Jersey - New Brunswick	12/01/2004	11/30/2008	\$492,510.00	Ximing Guo
NA04NMF4570428	Fertilization interference between <i>Crassostrea ariakensis</i> and <i>Crassostrea virginica</i>	Rutgers, The State University of New Jersey - New Brunswick	12/01/2004	11/30/2006	\$104,984.00	David Bushek, Ximing Guo
NA04NMF4570427	A histological investigation of oyster parasites and pathology in three Chinese estuaries containing varying mixtures of coexisting oyster species, including <i>C. ariakensis</i>	Rutgers, The State University of New Jersey - New Brunswick	12/01/2004	11/30/2007	\$113,786.00	David Bushek, Susan Ford
NA04NMF4570416	Wave exposure: an additional parameter for identification of suitable SAV restoration sites.	University of Maryland, Center for Environmental Science	01/01/2005	10/31/2007	\$133,129.00	Evamaria Koch
NA04NMF4570418	Long-term mesocosm studies of competitive interactions between diploid <i>C. virginica</i> and <i>C. ariakensis</i>	Smithsonian Institution	03/01/2005	02/29/2008	\$73,125.00	Denise Breitburg
NA04NMF4570414	Long-term mesocosm studies of competitive interactions between diploid <i>Crassostrea virginica</i> and <i>C. ariakensis</i>	University of Maryland, Center for Environmental Science	03/01/2005	08/31/2009	\$294,180.00	Roger Newell

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Award Number	Project Title	Recipient	Project Start Date	Project End Date	Federal Funding	Principal Investigators
NA04NMF4570419	Long-term mesocosm studies of competitive interactions between diploid <i>Crassostrea virginica</i> and <i>C. ariakensis</i>	Maryland Department of Natural Resources	03/01/2005	08/31/2009	\$60,797.00	Chris Dungan
NA04NMF4570425	Predation by polyhaline invertebrate predators on young non-native oysters, <i>C. ariakensis</i> , in Chesapeake Bay	University of Maryland, Center for Environmental Science	03/01/2005	03/31/2008	\$182,827.00	Victor Kennedy, Roger Newell
NA04NMF4570417	Long-term mesocosm studies of competitive interactions between diploid <i>Crassostrea virginica</i> and <i>C. ariakensis</i>	Virginia Institute of Marine Science	03/01/2005	02/28/2009	\$67,772.00	Mark Luckenbach
NA05NMF4571176	Creative Solutions to Stormwater Mgmt: Creating an Outdoor Classroom and Community Commons through Rainscape Gardens and EcoArt	Montgomery County Public Schools-Northwood High School	03/01/2005	02/28/2007	\$9,345.00	Erol Miller
NA05NMF4571257	Probing the population structure of Atlantic menhaden (<i>Brevoortia tyrannus</i>) in the mid-Atlantic	University of Maryland, Center for Environmental Science	06/01/2005	05/31/2010	\$341,217.00	Thomas Miller
NA05NMF4571178	Watershed education & participation project	Boxerwood Education Association	06/01/2005	05/31/2006	\$34,125.00	None Designated
NA05NMF4571173	Rally for Restoration: Students Become Stewards of the Chesapeake Bay Watershed by Hands-on Habitat Restoration	Wildfowl Trust of North America	06/01/2005	05/31/2007	\$84,000.00	None Designated
NA05NMF4571258	Do Environmental Conditions in Nursery Habitat Contribute to a Mismatch in (Growth and) Production of Young Atlantic Menhaden (<i>Brevoortia tyrannus</i>) and Striped Bass (<i>Morone saxatilis</i>)?	University of Maryland, Center for Environmental Science	06/01/2005	05/31/2008	\$180,549.00	Thomas Miller
NA05NMF4571259	Probing the population structure of Atlantic menhaden (<i>Brevoortia tyrannus</i>) in the Mid-Atlantic	Old Dominion University Research Foundation	06/01/2005	05/31/2010	\$462,712.00	Cynthia Jones



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NA05NMF4571238	Virginia GREEN: A Professional Development Program	Earth Force, Inc	06/01/2005	05/31/2008	\$187,495.00	Jessica Bromelkamp
NA05NMF4571175	Comprehensive Watershed Investigative Project	Benton Area School District	06/01/2005	05/31/2007	\$50,000.00	None Designated
NA05NMF4571260	Do Environmental Conditions in Estuarine Nursery Habitat Contribute to a Mismatch in Growth and Production of Young Atlantic Menhaden (<i>Brevoortia tyrannus</i>) and Striped Bass (<i>Morone saxatilis</i>)?	University of Delaware	06/01/2005	05/31/2008	\$174,239.00	Margaret Conlon, Timothy Targett
NA05NMF4571236	Meaningful Bay Experience Training for the Teachers in the Anacostia Watershed	Anacostia Watershed Society	06/01/2005	05/31/2006	\$30,000.00	None Designated
NA05NMF4571244	A Tale of Two Watersheds for Educators	Thorpe Foundation	06/01/2005	05/30/2008	\$49,983.00	Sam Castleman, Bill Prudden
NA05NMF4571179	Improving Student Achievement and C2K Meaningful Watershed Education Experience Implementation in Virginia	Virginia Department of Environmental Quality	06/01/2005	05/31/2009	\$273,521.00	Ann Regn
NA05NMF4571230	Does <i>Crassostrea ariakensis</i> accumulate more microbial pathogens from <i>Crassostrea virginica</i> increasing the pathogenic risk for human consumption?	University of Maryland, Center for Environmental Science	07/01/2005	06/30/2007	\$89,350.00	None Designated
NA05NMF4571286	National Aquarium in DC Exhibit Renovations and Outreach Programs	National Aquarium Society	07/01/2005	09/30/2008	\$937,000.00	Robert Ramin
NA05NMF4571235	The Potential for Using Triploid <i>Crassostrea virginica</i> for on bottom culture in Chesapeake Bay	Virginia Institute of Marine Science	07/01/2005	06/30/2008	\$41,101.00	Roger Mann, Melissa Southworth
NA05NMF4571174	Chesapeake Bay AquaEcosystem Program	National Aquarium In Baltimore	07/01/2005	06/30/2008	\$135,375.00	Laura Bankey

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NA05NMF4571237	Oxygen tolerance of native and non-native oysters	University of Maryland, College Park	07/01/2005	06/30/2006	\$37,429.00	Kennedy Paynter
NA05NMF4571245	Probing and Protecting the Chesapeake Watershed	Fairfax County Public Schools	07/01/2005	06/30/2006	\$36,094.00	None Designated
NA05NMF4571243	Potential for Crassostrea ariakensis to harbor pathogens of humans and shellfish: Potential for increased disease transmission between oyster species	University of Maryland, Biotechnology Institute	07/01/2005	07/31/2008	\$297,738.00	Gerardo Vasta
NA05NMF4571240	Comparative Performance of Tirploid Crassostrea ariadensis and C. virginica in Bottom Habitats in Virginia and Maryland	Virginia Institute of Marine Science	07/01/2005	12/31/2008	\$293,397.00	Mark Luckenbach
NA05NMF4571265	School Leadership in Urban Runoff Reduction Program	Living Classrooms Foundation	07/01/2005	06/30/2008	\$446,867.00	Christine Truett
NA05NMF4571242	Susceptibility of Crassostrea ariakensis to Bonamia species: Potential for increased disease transmission between oyster species	University of Maryland, Biotechnology Institute	07/01/2005	07/31/2007	\$235,769.00	Gerardo Vasta, Yonathan Zohar
NA05NMF4571239	Extension of ongoing C. ariakensis deployment in Maryland	University of Maryland, College Park	07/01/2005	06/30/2006	\$37,440.00	Kennedy Paynter
NA05NMF4571231	Supply and Management of Oyster Harvests in the Chesapeake Bay: An examination of historical factors and their implications for introduction of non-native oysters and targeted alternatives.	Main Street Economics	08/01/2005	06/30/2008	\$245,860.00	Robert Wieland
NA05NMF4571233	Professional and curriculum development in the areas of watersheds, wetlands, ecosystems, and human impacts on the environment as it relates to the Chesapeake Bay MWE	Pennsylvania Department of Education	09/01/2005	08/31/2008	\$392,000.00	Patricia Vathis

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NA05NMF4571250	A Comparative Test of Mechanized and Manual Planting of Eelgrass Seeds	Virginia Institute of Marine Science	10/01/2005	09/30/2007	\$24,718.00	Robert Orth
NA05NMF4571234	The use of non-native oysters in the restoration of Chesapeake Bay oyster populations and the potential threats posed by harmful algae.	University of Maryland, Center for Environmental Science	10/01/2005	09/30/2008	\$179,633.00	Patricia Gilbert
NA05NMF4571241	Comparative economic evaluation of triploid <i>C. ariakensis</i> and triploid disease-resistant <i>C. virginica</i> : Companion trial to 2005 VSC deployment	Virginia Institute of Marine Science	10/01/2005	09/30/2007	\$144,261.00	Standish Allen
NA05NMF4571261	Chesapeake Bay Stock Assessment Research	University of British Columbia	10/01/2005	09/30/2007	\$114,698.00	Adriana Suarez-Blanch
NA05NMF4571249	Coupling Oyster and SAV Restoration in South River, Maryland	Maryland Department of Natural Resources	01/01/2006	12/31/2008	\$108,195.00	Rebecca Golden, Lee Karrh
NA05NMF4571232	Will predation mortality differ for larvae of native and non-native oysters?	Smithsonian Institution	03/01/2006	02/28/2009	\$192,208.00	Denise Breitburg

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