

**Pennsylvania Sea Grant  
Applied Research Program**

**2005 Funded Projects**

Ten applied research grants were funded totaling \$236,997:

*A Population Assessment of Rudd (Scardinius erythrophthalmus) in Presque Isle Bay, Lake Erie.* Penn State, University Park Campus

*Aquaculture Research.* University of Pennsylvania

*Comparison of Three Outreach Methods to Increase Safe Fish Consumption Awareness among Cambodian and Vietnamese Residents of Philadelphia.* Temple University and the Partnership for the Delaware Estuary

*Distribution and Migration of Brown Bullheads in Presque Isle Bay as Related to the Great Lakes Water Quality Agreement - Area of Concern.* Gannon University

*Distribution of the Invasive Red-Eared Slider Turtle (Trachemys scripta elegans) in the Lower Delaware River Basin.* Pennsylvania Fish and Boat Commission and Drexel University

*Ecotoxicology of Snapping Turtles (Chelydra serpentina) in Presque Isle Bay and the Pennsylvania Lake Erie Watershed.* Pennsylvania Fish and Boat Commission, Penn State Behrend, and Edinboro University

*Genetic Population Structure of Yellow Perch (Perca flavescens): Presque Isle Bay Compared with Other Lake Erie Sites.* Mansfield University of Pennsylvania

*Infectious Salmon Anemia: Transmission Dynamics.* University of Pennsylvania

*Melding Research with Environmental Education: Stream Ecology and Restoration.* West Chester State University

*Microbial Food-Web Structure and Function in Lake Erie: Influence of Benthic-Pelagic Coupling on Hypoxia in the Central Basin.* Penn State University, University Park Campus