

Marine Biology Research Topics

Pushing the salt threshold to determine the viability of mosquitofish in third world countries to stop the spread of mosquito borne diseases

The effect of habitat loss on the aggression of *Sufflamen bursa*

Tracking bull sharks and their location in both fresh and marine ecosystems

Natural gas fracking and its effects on aquatic life and the economy of Lake Keuka

Stimulating pencil urchin shell formation in environments with increasing CO₂ concentrations

The effect population size has on the growth and health of *Astronotus ocellatus*

Temperature-induced food aggression in *Pygocentrus nattereri*

Seahorses and shoelaces: A color based behavioral case study

Impact of dry food and live food on the growth and development of *Chromis viridis*

Flake food vs. brine shrimp: The impact of food on the levels of waste in an aquatic ecosystem

Pigmentation Manipulation: The impact food dye has on the skin coloration of female guppies

String beans or snap peas: Which grow best in an aquaponics system?

The Great Pacific Garbage Patches case study

Behavioral changes of *Pygocentrus cariba* when in isolation and in schools

The effects of overstimulation of *Carassius auratus*

Using color as an indicator of health of *Salmo trutta*

The effects of protein infused food on the growth of *Micropterus salmoides*

Global warming and the impact it has on *Hippocampus zosterae*

A natural diet versus a supplemented diet effects on the healthy development of *Hypostomus plecostomus*

Varying dissolved oxygen levels on the behavior and health of *Micropterus salmoides*
Canthigaster valentini reaction to stimuli and the amount that they expand

Creating nearshore and offshore barriers to help prevent beach erosion in Avalon, NJ

Changes in diet and its effects on *Trachemys scripta elegans*

The effects of color enhancing food on the normal coloration of *Carassius auratus*

Creating a viable substitution for Limulus amoebocyte lysate (LAL) to decrease mortality rates of *Limulus polyphemus*

Designing safer methods for diamondback terrapins (*Malaclemys terrapin*) to cross roadways in southern NJ

Interactions and adaptations with various organisms on the behavior of *Pterois volitans*

Using calcium infused antacid to accelerate the molting process of *Callinectes sapidus*