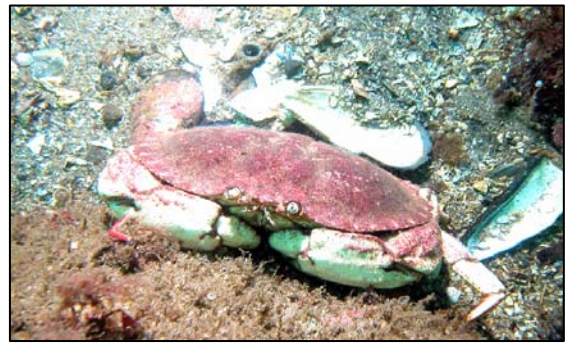
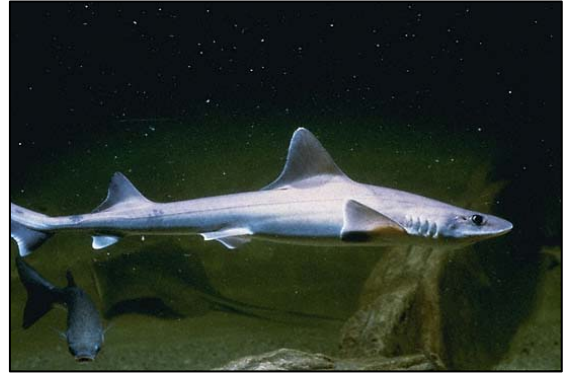


ANIMAL HUSBANDRY PROJECT

Background Information and Project Justification

There are several species of marine and freshwater fish and reptiles kept for research at the MRC. This internship will give interested candidates the opportunity to work closely with a variety of animals (from aplysia to zebrafish).

While caring for the animals, candidates will have the opportunity to gain valuable knowledge in animal husbandry techniques, water quality monitoring and management of various culture systems. Independent research projects aimed at improving animal culture and care are also encouraged.



Primary Objective:

Interns will work as part of the Animal Care team. Daily duties to be performed include preparing animals' diets, feeding animals, maintaining water quality in aquaria and holding tanks, recording animal health and water quality data in logbooks, and routine cleaning and upkeep of equipment and husbandry areas. Interns will have opportunities to:

- observe and participate in laboratory procedures
- learn the mechanics of large and small water filtration and sterilization systems
- learn about animal disease, treatments and diagnostic methods from our veterinarian

Resources Available for this Project:

- 24 hour access to the MBL library including pre-paid copying card for copying reprints etc.
- Access to an MBL computer terminal for literature/web searches.
- Limited wet-lab space with temperature controlled running seawater and fish holding tanks.
- Availability of specific MRC general use equipment; scales, water quality test kits, etc.

Skills Required:

- Ability to perform extensive literature searches, web and library card catalog.
- Aptitude for understanding aquatic animal husbandry, physiology, and behavior.
- Accurate record keeping skills (written weekly progress report required).
- Ability to work independently with minimal supervision.

Estimated Time Commitment: For a full time intern, 40 hrs/week.

Project Supervisor: Janice Simmons