

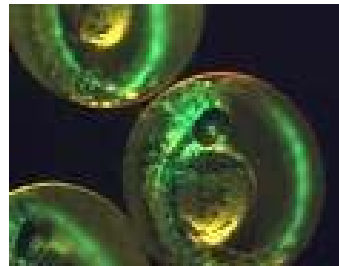
ZEBRAFISH HUSBANDRY PROJECT

Background Information and Project Justification

- The MRC's Zebrafish Facility houses wild type and mutant lines of adult and larval fish.
- Interns may participate in larval fish rearing, maintaining adult fish, providing eggs/embryo for researchers, and general husbandry duties.



The MBL's Zebrafish Facility, located in the Marine Resources Center



Wild type fertilized zebrafish embryos are available year-round

Primary Objective:

- The intern will gain valuable knowledge and skills with animal husbandry techniques.

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.
- Broodstock Fish and food for fishes.

Skills Required:

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

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

Project Supervisor: Janice Simmons