

# **4-H and the Harbor House Marine Science Center**

**proudly announce the**

## **1976 4-H Marine Environment Workshops**

**for advancing  
High School Juniors and  
Seniors in North Carolina**



## PURPOSE

The North Carolina 4-H Program and the North Carolina State University Harbor House Marine Science Center sponsor summer workshops for rising high school juniors and seniors to explore many facets of the marine environment. Three major objectives of the Marine Environment Summer Workshops are to:

1. *Create an awareness of marine life and its potential use to man.*
2. *Develop an awareness of ecological problems affecting marine life and the complexity of their solutions.*
3. *Explore career opportunities in marine science.*

The coastal program provides learning experiences and fellowship for young people with common interests. Outstanding research facilities and an excellent staff furnish an atmosphere of learning, fun, and exploration for participants to work together and to do their own thing.

## FACILITIES

The Harbor House Marine Science Center has excellent workshop facilities. A large cottage-type house located on Wrightsville Sound, the Center has informal meeting areas, classrooms, library and laboratory. Complete lodging and meal service are provided. Facilities and services are directly managed by the North Carolina Agricultural Extension Service.

## PROGRAM

Each workshop participant will be able to complete a marine science project of his own choosing



during the 6-day period. Information will be provided through field trips and tours. New ideas will



be developed in group discussions and lectures with staff experts.

Activities will include:

### Tours

1. Research vessel and oceanography facilities at Cape Fear Technical Institute.
  2. Wrightsville Marine Bio-Med Lab.
  3. International Nickel Company Marine Corrosion Facilities.
  4. Diving Exhibition.
- Each tour will include a lecture by professionals in the area.

### Field Trips

1. Marsh habitat study.
2. Ocean beach and rock jetty.
3. Mudflat.
4. An all-day field trip.
5. Trawling and water sampling.
6. Plankton haul.
7. Fossil pits.

Each trip will include group discussions of observations and will be coordinated by professional instructors.

All activities will be enriched with classroom lecture-discussions, movies and laboratory experiences. A special program will be held Saturday morning. Parents are invited to this session and to lunch following the program.

## INSTRUCTORS

The workshops will be supervised by Durwood Baggett, Director of Harbor House and County Extension Chairman. The Workshop Director,

staff instructors, and guest lecturers will be North Carolina State University personnel and local professionals.

## DATES

The 1976 Marine Environment Summer Workshops will be held:

June 27-July 3

August 1-7

Registration will be from 1 p.m. to 4 p.m. Sunday. The workshop program will begin at 4:30 p.m. Sunday and will end with lunch Saturday.

## COSTS

Total cost for the 6-day workshop is \$115, including the \$55 registration fee payable with the application. The registration fee will be refunded only if the applicant is denied or in cases of family emergency.

Cost for the workshop includes all field trips, tours, insurance, equipment fees, lodging and all meals except Sunday night. Sunday dinner is "Dutch treat."

## TRANSPORTATION

Transportation to and from the Center at Wrightsville Beach is not included in the cost of the workshop. Names and addresses of fellow participants will be sent with letters of acceptance so that participants can organize carpools.

## PARTICIPANTS

Rising high school juniors and seniors may apply on the attached form. Persons who have attended previous marine environment summer workshops are not eligible.

Applications must include:

1. A signature of endorsement from the applicant's Extension Agent, science teacher or principal;
2. A check made payable to N. C. State 4-H Club Account in the amount of \$55 for registration fee.

Applicants are accepted on a first come basis.

The attached application form and registration fee must be sent to:

Dr. Dalton Proctor

Assoc. State Leader, 4-H

P. O. Box 5157

North Carolina State University

Raleigh, North Carolina 27607

Applications must be received by June 2, 1976.

Applicants will receive acceptance letters, a parents' permission form, necessary health forms, insurance information, and additional information on schedules in early June.



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Application  
1976 MARINE ENVIRONMENT SUMMER WORKSHOPS

Applicant's Name \_\_\_\_\_

Street \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Rising Junior \_\_\_\_\_ Rising Senior \_\_\_\_\_ Male \_\_\_\_\_ Female \_\_\_\_\_ Age \_\_\_\_\_

Please indicate Workshop preference. If your first choice is filled, will you attend the other Workshop? \_\_\_\_\_

June 27-July 3 \_\_\_\_\_ August 1-7 \_\_\_\_\_  
(Include check for \$55 registration fee.)

Endorsement by Extension Agent, Science Teacher or Principal \_\_\_\_\_