

Unit V: Lesson I-Careers

Harbor Branch Oceanographic Institute



The Harbor Branch Oceanographic Institute has many career opportunities. Harbor Branch is located on the east coast of southern Florida in Fort Pierce.

Each career encompasses many different disciplines, and employs a diversity of people, at a variety of educational and skill levels. The main goal of HBOI is to increase knowledge of the oceans and improve man's ability to protect and utilize these resources.

Examples of Careers in Oceanography at HBOI

The following is a list of the careers in oceanography that are found at HBOI. Other oceanographic institutes are likely to have ones similar to those found at HBOI. These include:

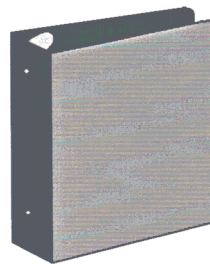
Marine Biology
Aquaculture and Aquaculture
Techniques
Ocean Engineering
Operation of Oceanographic Fleet
Marine Chemistry

Marine Geology
Physical Oceanography
Marine Education
Marine Policy
Environmental Analysis and Testing

Preparing for a Career in Marine Sciences

A career in the Marine Sciences is an exciting and rewarding experience. The question that many young people ask is "How do I prepare for a career in this field?" First, take as many science and math courses as you can in high school and college. It is important to pass the courses and learn fundamental concepts. Secondly, in college it is important to major in a basic science (biology, chemistry, physics, or earth science). If marine

science and computer science courses are offered, take them also. Finally, seek out practical, "hands-on" experiences to find out if you like the work. Opportunities exist for volunteers, and some paid internships all over the country.



Careers in Marine Science at HBOI

Careers in the marine sciences are not limited to working with animals, or in the laboratory. Some careers that are available at HBOI include Institutional Management, Technical staff, Support Staff, as well as scientists and engineers. Individuals in Institutional Management positions act as administrators who direct and supervise overall operations of research laboratories, while the technical staff oversees the daily performance of scientific studies and technology. Scientists design and

supervise projects that advance knowledge and develop new technologies. Staff at this level must write and obtain grants and contracts to fund work, teach, and oversee students. A support staff position is very important to a marine science facility. These are the facilities and grounds maintenance and operation positions. Secretarial and administrative support for scientists, engineers and managers are included in this group.

Outlook for Employment

Research funding results in some uncertainty in making a statement of the number of jobs that will be available in upcoming years, but opportunities always exist in all

fields. Physical science and interdisciplinary areas are currently two fields where more scientists and staff are necessary.

A Closer Look

If you are interested in exploring HBOI, tours of the center are available at 10:00 am, noon and 2:00 daily, excluding some holidays. The address for Harbor Branch Oceanographic Institute is J.Seward Johnson Marine Education and Conference Center, 5600 U.S. 1 North, Fort Pierce, FL 34946. The phone number is (561)-465-2400, ext. 500. The staff at HBOI may also

be contacted via e-mail: education@hboi.edu. If you are not in the Fort Pierce, FL area and are interested in a marine or aquatic career, call a local center, aquarium or preserve for a tour! Also, visit the internet for locations to find out more information about marine science careers and internships.

Where do I Find Information about Marine Science Careers?

For information about marine science careers, visit your local internet browser and type in the words "Careers in Marine Science". This will lead you to thousands of links about where you may obtain information on marine science careers and education. The following were found there:

General information about careers in Marine Science

URL: www.vims.edu/adv/ed/careers/

URL: www.marinecareers.net/careerpub.htm

URL: www.fortbragg.k12.ca.us/AG/careers.html

URL: www.aqua.org/education/careers/trngtips.html

Aquatic Network: Career Resources

"Education and Training Programs in Oceanography and Related Fields"

This publication from the Marine Technology Society covers information from 261 colleges and universities as well as 27 technical schools.

URL: www.aquanet.com/busdir/jobs/resource.htm

If you find any interesting facts, or have any questions that you would like to share with the staff at Project Oceanography, please feel free to call us at 1-888-51-OCEAN. Or, e-mail us at pjocean@marine.usf.edu. We will answer your questions either via e-mail, or on the air during a broadcast. Visit our website at <http://www.marine.usf.edu/pjocean>

