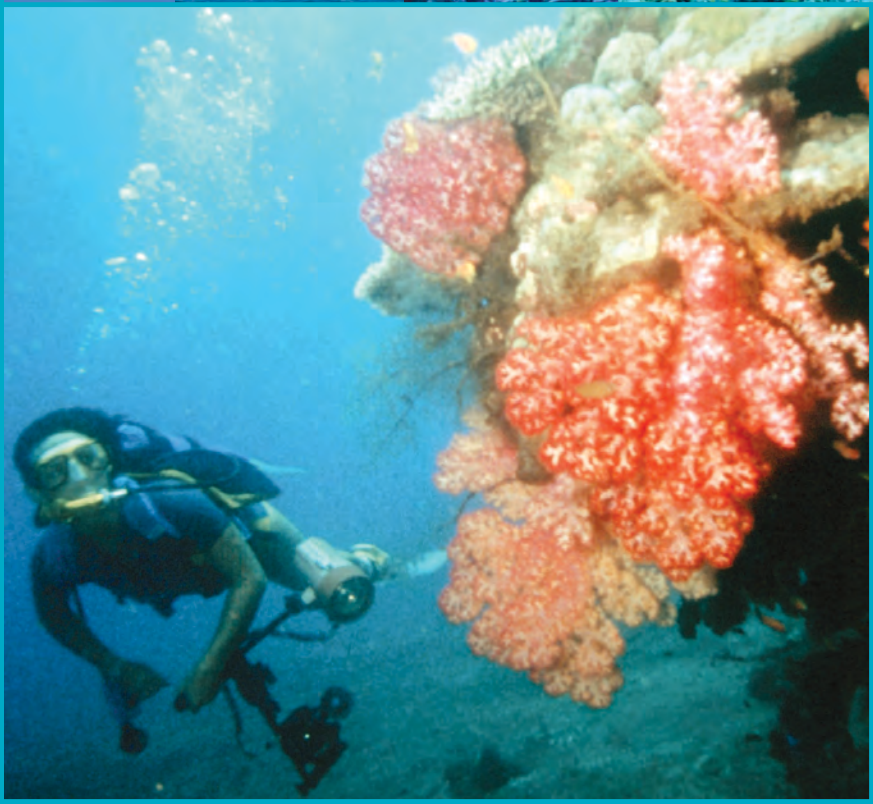
AQUATIC BIOLOGIST



AQUATIC BIOLOGIST

http://www.fusiongrant.org/educational.php

Description:
An aquatic biologist studies plants, animals, and other living organisms found in water. By studying these organisms and their environment, biologists are able to develop new technologies and monitor the effects of fishing, and pollutants on ecosystems. Some aquatic biologists focus on developing a greater understanding of the effects of infectious agents or invasive species on waterways. Opportunities are available for research in laboratory settings or on research vessels.

Median Wage (as of 2005):
$60,190

Level of Education:
A.A.S., B.S. (non-research positions), M.S. (research and product development positions), Ph.D. (high level positions)

Job Outlook (through 2014):
9-17% increase in the number of jobs

Examples of Colleges & Affiliated Programs:
Morrisville State College (SUNY)– Aquaculture & Aquatic Science
SUNY College of Environmental Science and Forestry – Aquatic and Fisheries Science
Cornell University – Marine Science; Ecology & Evolutionary Biology concentration within Biological Sciences; Science of Natural And Environmental Systems; Natural Resources; Animal Science; Agricultural Sciences; Chemistry & Chemical Biology; Science & Technology Studies
Rochester Institute of Technology (RIT) – Environmental Management & Technology; Biological Sciences; Environmental Science
Alfred State (SUNY) – Animal Science; Wildlife Management; Fisheries and Wildlife Technology
SUNY Stony Brook – Marine Sciences; Marine Vertebrate Biology; Atmospheric and Oceanic Sciences; Environmental Studies

Employers:
Public & Private Industry Groups – New England Interstate Water Pollution Control Commission; Aquatic Development Group, Inc.
Aquariums – Atlantis Marine World Aquarium; New World Aquarium; New York Aquarium
Colleges & Universities – Cornell University; SUNY College of Environmental Science and Forestry; SUNY Stony Brook
Federal, State and Local Governments – New York State Department of Environmental Conservation; New York State Department of Agriculture & Markets; United States Department of Agriculture; United States Department of the Interior; National Institute of Health; National Science Foundation, United States Department of Defense

High School/College Courses to Take:
Biology, Microbiology, Chemistry, Organic Chemistry
Natural Resource Management, Environmental Policies, Social Ecology, Water Resources
Aquatic Science, Marine Biology, Biological Oceanography, Marine Microbiology
Mathematics – Trigonometry, Algebra, Statistics
Oral and Written Communications

Workforce New York
Put us to work for you

INFOTONICS technology center inc

NSF

Cornell University