Jaws galore

Prof creates ocean for WSU sharks

Biology Professor Walter Chaving the second of the second o

TODAY IE has four research pools which will hold up to 80 sharks. They have such an effective recycling sys-tem that the watter put in the pools 81% years ago is still being used. Chavin estimates it would cost \$1 million to have a contractor build hi "ocean." He says the cost to WSU of building it has been \$5,000 to \$6,000 for materials.

building it has been 8,5000 to 8,000 to materials. Sharks are flown in from California and Florida alter being captured by scuba divers. At present there are about a dozen sharks being studied in the WSU Jacility, housed in an ancient brick building on Hanceck just off Woodward Avenue. Research is ongoing in the study of endocrine glands, blood cellš, mem-then shark to be perfect for these experi-

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SEMINAR

snarks have a perfectly controlled sur-rounding. The initiabiliants respond to their en-vironment so well had resident sharks have han captivity. Horn sharks from California have also laid eggs although Chavin believes they have not been fer-tilized and therefore have resulted in no new horn sharks.

CHAVIN BEGAN his project by building pools for the sharks from Fi-berglas. Then the real challenge faced him and his aşsistant Kenneth Honn, now an assistant professor of biology.

ORGAN

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TEACHERS

The shark waste by building water the shark waster by building water the shark waster by building the the community constant waster and materials, as did many people in the community. One high school stu-dent group was invaluable, according or engineering experience, Chavin ea-genty accepted advice and assistance from university maintenance workers. The team designed a fluves water the waste water, then passed it over the waste water, then passed it over the water water, then passed it over the mater waster water, then passed it over the material operation of the shark. As EVERE financial problem the of the chart of the shark water.

A SEVERE financial problem loomed when Chavin learned that ozone generators would cost about \$25,000.

ozone generators would cost about \$25,000. He got a book on ozone production, and the team designed an ozone gener-ator which cost \$50 to build and was small enough to hold in one hand. A commercial ozone generator would be about the size of a desk. A 600-gallon prototype model tested out well that the whole system was fi-nally completed after nearly five years of work and planning. Now marine biologists from around the world come to examine the "ocean" that exists in the middle of Detroit. Chavin asys part of the success of the team may lie in its innocence. "We did hungs more sophisticated people would not have tried," he said.



Walter Chavin feeds a shark in his miniature marine environment on the Wayne State campus

Respiratory

program

accredited

The Committee on Allied Health Education and Accreditation informed Oakland Community College thagt con-tinuing accreditation was avarded to the respiratory therapy program for a period of four years. A return evalua-respiratory therapy years and the second offers both the-the award of accreditation was averaged in the second offers both the respiratory therapy ducation. It is sponsored by the American. College of Chest Physicians, the American College of Chest Physicians, the Chest Physicians of Chest Physicians, the Chest Physicians of Chest Physicians

