

Units 1 to 3, Scallop Aquaculture, will be Presented by Dr. Bill Arnold and Dr. Norman Blake

Norman Blake Ph.D. My speciality as a marine invertebrate ecologist is the reproductive physiology and aquaculture of shellfish, particularly commercially important bivalves. One group of bivalves that has received extensive attention in my laboratory is the family pectinidae or scallops. Over 35 species of this group have commercial importance and possess unique reproductive strategies. We now have one of the only scallop aquaculture facilities in the Southeastern United States and this facility allows us to study a species from egg to death while at the same time providing stock for examining potential commercial ventures and restoration of depleted populations.

Bill Arnold, Ph. D. I am a native Floridian with lifelong interests in the function and maintenance of coastal ecosystems. I have studied the population ecology of numerous molluscs, with particular emphasis on calico scallops, hard clams, and bay scallops. I have spent the last 8-10 years researching factors responsible for the collapse of bay scallop populations on the Florida West Coast and devising a strategy to restore these populations.

In Unit 4, Careers will be presented by four different persons that are employed in several aspects of the Oceanography community. We invite you to participate and learn about the diverse opportunities that a career in Oceanography may offer YOU!

1998 is the Year of the Ocean. Dr. Ellen Prager will be your presenter for Unit 5. She will be telling you about the unique Ocean Drifter experiment that you may take part in, and also inform you of many interactive ideas so that you may learn more about this phenomenol resource.

Dr. Bill Arnold and Dr. Norman Blake would like to thank the following people for their assistance in preparing this packet:

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