

## Chowan Alumnus Jim Lowry Member of Antarctic Expedition

Two young oceanographers from the Virginia Institute of Marine Science (VIMS) are spending 1967 in the icy wastelands of Antarctica. Their mission, sponsored by the National Science Foundation and supervised by VIMS, is to collect specimens of antarctic marine life and ship them home for further research.

*E. Lynn Suydam of Baltimore, Maryland, and James K. Lowry of Richmond, class of 1962 at Chowan, began preparing for their antarctic expedition last September. Various dredge frames, fish traps and weights for collecting instruments, preceded them by ship to Antarctica.*

Suydam and Lowry left the United States on January 2 on a flight to Punta Arenas, Chile. There they boarded the USNS Wyandot and sailed to Palmer Peninsula, Antarctica. Their final destination, Anvers Island, is a newly-built NSF research station located just off the Peninsula.

*Anvers Island is on a lower latitude than two stations previously visited by scientists from VIMS. Stanley Wilson represented the Virginia marine laboratory at McMurdo Base for several months during 1959. He and William Saunders, also form VIMS, were later located at Wilkes Station for a year during 1961 and 1962.*

Suydam and Lowry are collecting fishes and other marine animals

bearing parasites. Special study is being given to the Monogenea (flatworm parasites frequently found on the gills of fishes) by Dr. William J. Hargis, Jr., Director of VIMS an eminent marine parasitologist. He and his co-workers, William A. Dillon, David E. Zwerner and Adrian Lawler, have found twelve species on specimens collected in Antarctica, eleven of which are new to science. These have been described, and information about them is now being published.

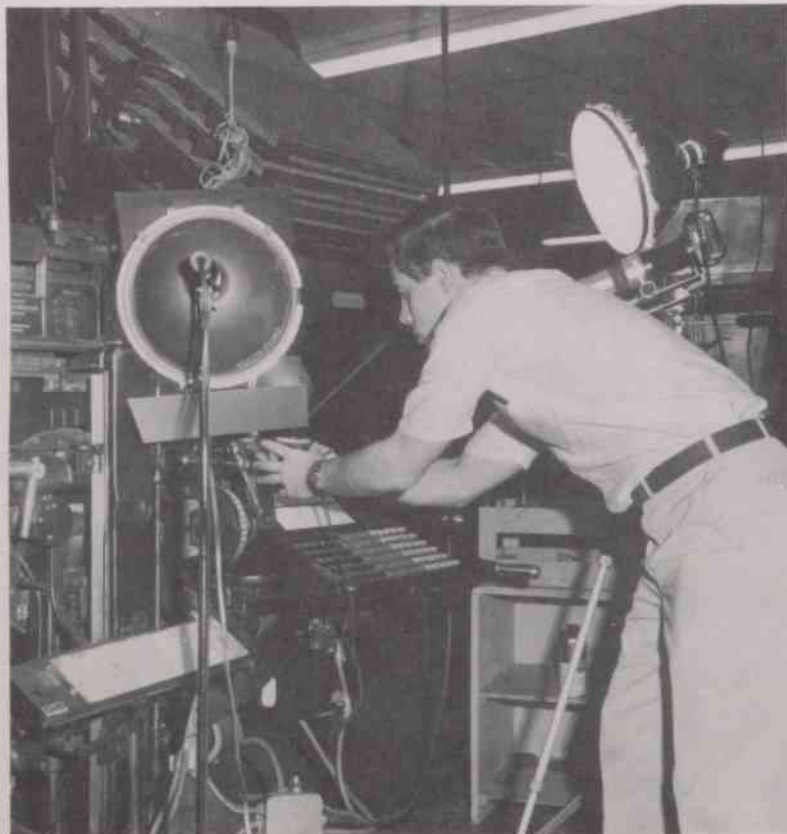
Two parasitic copepods have also been found, of which one is a new species.

The digenid parasites (another kind of worm parasitic in fishes and other vertebrates) on antarctic collections are being studied by Dr. Mitchell A. Byrd of the College of William and Mary. A third group of parasitic worms, the thornyheaded worms, (Acanthocephalus), are being classified by Dr. Harry L. Holloway, Jr., of Roanoke College. Thus the project is a cooperative one among scientists from three Virginia Institutions.

The National Science Foundation has granted full funds to cover this research project to Dr. Hargis at VIMS. Hargis stated that nine people (including the two from VIMS) are manning the Avers Island Station in 1967. As many as twenty scientists will work at the station during the summer months.



PREPARING FOR HIS STAY IN THE ANTARCTIC is James Lowry, center, who graduated from Chowan in 1962. He is assisted by his three-year-old son, Ken, and his expedition companion Lynn Suydam. A native of Chuckatuck, Mr. Lowry is married to the former Martha Millis of Richmond, also a member of Chowan's class of 1962.



TAKING CAMERA READING—Ricky Beck of Fair Haven, N. J., takes an exposure meter reading prior to making color photographs in the School of Graphic Arts. The printing student has taken many 35mm color slides which will be shown at the Graphic Arts Show next month in Charlotte.



ANOTHER PRETTY TTS OPERATOR—Operating the latest model Teletype-setter in the School of Graphic Arts, Donna Freeland of Hillsborough, perforates tape that is used to automatically operate typesetting machines. There are many job opportunities for TTS operators offering good income.