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Clyde M. Senger receives research grant from the U.S. Public Health Service

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FOR RELEASE FRIDAY, DECEMBER 5

Dr. Clyde M. Senger, assistant professor of zoology at Montana State University, Missoula, has received a research grant of $2,270 from the U. S. Public Health Service for studies on the metabolism of eggs of trichostrongyloids, a group of parasitic roundworms, MSU officials announced.

Most of the funds will be used to provide additional equipment for the parasitology laboratory now being expanded by the Zoology Dept. under the direction of Dr. Senger. This laboratory will be one of fewer than a dozen in the world studying the metabolic activities of worm parasites. The best known laboratories of this nature are located in Canada, Australia, and New Zealand.

The specific roundworm selected for study, Nematodirus spathiger, is found in sheep, cattle, and deer and will sometimes cause severe illness and death of younger animals, Dr. Senger said.

Dr. Senger's research is directed at this stage toward increasing basic/knowledge, but it is hoped that it will lead ultimately to practical application in control of a number of parasitic nematodes of domestic and big game animals. It is also possible that new knowledge about this worm will apply to parasites of humans, according to the zoologist.

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