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FOR RELEASE SATURDAY, NOVEMBER 30

Dr. Mitsuru Nakamura, associate professor of bacteriology at Montana State University, Missoula, has received a research grant of \$2,600 from Research Corp. for studies that may result in an effective treatment of contaminated drinking water, MSU officials announced Friday.

The grant will support a study of the mechanism by which ultraviolet light kills a parasite known as *Entamoeba histolytica*. The work will be done by Philip R. Edwards, Jr., Missoula graduate student in bacteriology, Dr. Nakamura said. Edwards will also attempt to determine factors controlling the reactivation of irradiated cells by visible light.

The studies will eventually be directed toward the destruction of amoebic cysts, which are the infective forms of the parasite, and the possible use of ultraviolet light in treating contaminated drinking water, Dr. Nakamura said.

The \$2,600 grant is in addition to a grant of \$9,102 from the Dept. of the Army, which supports Dr. Nakamura's research on the biochemical aspects of *Entamoeba histolytica*.

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