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\$20,300 NSF GRANT GOES TO GEORGE WOODBURY
FOR SURFACE TENSION STUDY AT UNIVERSITY

MISSOULA--

Dr. George W. Woodbury Jr., an associate professor of chemistry at the University of Montana in Missoula, has received a \$20,300 grant from the National Science Foundation (NSF) for support of a project entitled "Generalizations of the Cahn-Hilliard and van der Waals Theory of Surface Tension."

Woodbury and a staff of graduate students who will assist with the project during the summer will begin work on the study July 1.

The purpose of the study is to explore the theories involved with surface tension, which is the tension between the surfaces of a liquid and its vapor. Woodbury and his staff hope to improve and refine the present theories of surface tension and surface structure.

A portion of the grant money will be spent for use of the University's new DECsystem-10 computer.

"We hope to make extensive use of the computer," Woodbury said.

Woodbury's project necessitates the purchase of \$3,500 worth of new laboratory and research equipment, which will be retained by the UM chemistry department for classroom use upon completion of the surface tension study.

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