

## News Release

**GRADUATE RESEARCH CENTER OF THE SOUTHWEST**  
**SOUTHWEST CENTER FOR ADVANCED STUDIES**

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ON RECEIPT

TWO GRANT AGENCIES INCREASE PROJECT  
 FUNDING AT GRADUATE RESEARCH CENTER

DALLAS --

Two grant agencies have increased research support funds for projects at the Graduate Research Center of the Southwest. The total increase is more than \$84,000.

National Aeronautics and Space Administration has awarded \$13,722 in additional funding for measurements of the neutral composition of the upper atmosphere. Total award for the research was brought to \$145,514 by the new funding.

National Science Foundation has added \$70,700 to funding for operation of neutron monitor stations in Canada and at the Center's suburban Dallas campus. Total funding for the stations was brought to \$290,700 by the increase.

In the NASA project, small mass spectrometer probes are flown to the ionospheric regions about 100 miles above the earth. Flights are made from NASA's Wallops Island, Va., station. The NIKE-Apache vehicle is used for the instrument lifts. Prof. William B. Hanson and Research Scientist Tom W. Flowerday are the principal investigators.

In the NSF project, neutron monitor stations with high counting capabilities are maintained at the two sites as a part of the Center's continuing investigation of cosmic ray travel paths and energies. Balloon flights, detector packages, and major space probe instruments designed at the Center are used in the total program.

Prof. Kenneth G. McCracken, principal investigator, is now at Hyderabad, India, for a scheduled balloon flight in an equatorial region.