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### University of Montana forestry professor named NSF fellow

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# NEWS

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UM FORESTRY PROF  
NAMED NSF FELLOW

MISSOULA, Mont.---

Frederick L. Gerlach, forestry assistant professor of photogrammetry at the University of Montana, Missoula, is the recipient of a National Science Foundation Faculty Fellowship.

The fellowship will support Gerlach's 15-month study of advanced aerial remote sensing systems at the University of Minnesota beginning fall 1969.

Gerlach is one of 200 science faculty members from United States universities and colleges to receive the fellowship this year. The NSF fellowships afford scientists the opportunity to pursue advanced studies in their areas of interest and improve their teaching of science.

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Gerlach has taught/the University's School of Forestry since 1956. He specializes in aerial photography, photographic interpretation, and aerial remote sensing. He also teaches courses in forest surveying and logging engineering.

He has directed research in a number of special areas. In 1957, he introduced stereo-photo timber sampling by helicopter. In 1960, the Office of Water Resources Research, USDI, granted him \$5100 to study hydrological data acquisition through remote reconnaissance systems. In 1965, the OWRR renewed the project for three years with a \$21,000 matching fund grant.

Gerlach, an active commercial pilot, has logged nearly 5000 hours of flight time. His experience includes every phase of aircraft application by public and private forest agencies.

In 1960, the Montana Pilots' Association chose him the "Pilot of the Year" for his rescue of persons caught in the Yellowstone-Madison earthquake.

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Gerlach is a native of Versailles, Ohio. He attended Ohio State University and the University of Montana, Missoula, where he earned a Bachelor of Science in Forestry degree with honors in 1952.

He served in the U.S. Army Corps of Engineers 1952-55. In 1957 he earned his masters degree in forestry at UM. In 1967 he participated in a short course on remote sensing of environment at the University of Michigan, Ann Arbor.

He is married to the former Margaret Kirkpatrick of Vancouver, British Columbia. The couple has three children, Clara, Bruce and Lori.

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