



*Dr. Newell S. Gingrich, professor of physics, honored by the Alumni Association at Commencement exercises.*

## **Distinguished Faculty Award**

Dr. Newell S. Gingrich, professor of physics, is the 1962 recipient of the Distinguished Faculty Award presented by the University of Missouri Alumni Association. The presentation was made at the 120th annual Commencement of the University by J. Gordon Blackmore, retiring president of the association.

Dr. Gingrich has been a member of the faculty since 1936 and professor of physics since 1943. He was chosen for the award by an anonymous committee ap-

pointed by President Elmer Ellis. Previous recipients are Dr. Lewis Atherton and Dr. Raymond E. Peck. The award carries a stipend of \$1,000.

Dr. Gingrich attended high schools in Pennsylvania before entering Lafayette College, Easton, Pa. After two years there he transferred to North Central College, Naperville, Ill., where he received his A. B. degree in 1926. Returning to Lafayette College he received his A.M. degree in 1927 and the following year he began his studies at the doctoral level at the University of Chicago, which awarded him the Ph.D. degree in 1930.

While a graduate student at Lafayette College, Dr. Gingrich was an instructor in physics. After earning his doctorate, he was an assistant professor at Mount Allison University, Sackville, N. B., Canada for a year. From 1931 to 1936 he was an instructor in physics at the Massachusetts Institute of Technology, then he joined the faculty at the University of Missouri.

His teaching was interrupted during World War II when he worked at the Naval Ordnance Laboratory as an assistant physicist, and later with the Office of Scientific Research and Development Liaison Office, Washington, D. C., as a technical aide. After returning to the faculty, Dr. Gingrich completely revised the late Dr. Oscar M. Stewart's *Physics, A Textbook for College* for its fifth edition in 1950 and its sixth edition in 1957. In 1952 he took a leave of absence from the University to do research on the diffraction of neutrons by crystals at the Oak Ridge National Laboratory, Oak Ridge, Tenn.

Dr. Gingrich was selected by the Federal Civil Defense Administration in 1955 to participate in its atomic radiation training program for civil defense personnel at the Nevada test site. During the summers of 1956 through 1958, he was a research associate at Argonne National Laboratories, Lemont, Ill.

In 1958 Dr. Gingrich received a National Science Foundation Science Faculty Fellowship to M. I. T. to study the theory of the solid state and X-ray and neutron diffraction. The same year he was appointed a consulting editor of the McGraw-Hill Encyclopaedia of Science and Technology, which was published in the fall of 1960.

A contributor of many scientific articles to professional journals, Dr. Gingrich is a member of the executive committee of the American Association of Physics Teachers. He also holds memberships in the American Society of Crystallography, American Physical Society, American Association of University Professors, and Sigma Xi.

In recent months Dr. Gingrich has been a visiting lecturer under the auspices of the American Association of Physics Teachers and American Institute of Physics. He spoke at colleges in Oklahoma and Montana to stimulate interest in the teaching aspect of physics. This summer Dr. and Mrs. Gingrich are on a seven-week European tour. Their daughter, Miss Katherine Gingrich, received an A.B. degree with distinction in 1959, and their son, Phillip R. Gingrich, graduated with a B.S. in Education degree in 1956.