

**GUSTAVE H. LUNDBERG, EDITOR OF THE JOURNAL OF THE
TENNESSEE ACADEMY OF SCIENCE**



Gustave H. Lundberg, who has accepted the Editorship of the JOURNAL for a short term, succeeds Dr. James J. Friauf, who resigned because of illness. Dr. Lundberg has served as Treasurer of the Academy and as Chairman of the Mathematics Section. He was elected a Fellow in 1962.

He received his undergraduate education at Midland College and the University of Nebraska and holds an M.A. degree from Colorado State College. In 1941 he came to Vanderbilt as a Fellow in Mathematics and the following year was granted a Master's Degree. His Doctorate was received from George Peabody College in 1951.

His present position is Professor of Applied Mathematics in the School of Engineering at Vanderbilt, where he has been a member of the faculty since 1942. He has been a participant in the Summer Program of Boeing Airplane Company, Seattle, and a research participant in the program of the Oak Ridge National Laboratory and Institute of Nuclear Studies. At Vanderbilt he has served upon various committees, recently upon the Athletic Committee and currently is serving upon the committees on the Public Exercises and on the Student Bodies. He is Chairman of the Committee on Admissions and Scholarships of the School of Engineering. He holds membership in a number of professional organizations and is, at present, President of the Vanderbilt Chapter of Sigma Xi. His publications have appeared in state and national journals.

NEWS OF TENNESSEE SCIENCE

Dr. Calvin A. Buehler, UT Professor of Chemistry, will continue his research on the synthesis of physiologically active compounds under an NIH grant of \$7,932. The project to develop new tranquilizers has been under way for about 10 years, and the present grant is in the last portion of a three-year award.

Dr. P. J. Sparer, Professor of Psychiatry and Preventive Medicine at the UT College of Medicine, Memphis, has been awarded a \$3000 grant by the Edward Dalton Co., pharmaceutical manufacturers, to conduct a preliminary study of psychiatric and psychological aspects of obesity. The pilot study will be made on a small number of selected patients who have been unsuccessful in a weight reduction program. If the study indicates a relationship between personality factors and inability to maintain weight loss, the study will be extended to include a larger number of people.

The Department of Biology at Tennessee Polytechnic Institute has received a gift of \$3000 from Mrs. Justin Potter of Nashville. The gift will be added to the Justin Potter Memorial Fund to support the Department's studies in medical biology, directed by Dr. William G. Downs, Jr.

A grant of \$28,000 from NSF will permit UT to expand research in the use of X-rays to study metals. About \$13,000 of the grant will go toward the acquisition of X-ray equipment which will become a permanent facility in the new engineering building. The equipment will be used to determine the distribution of foreign atoms and imperfections in solids.

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