

## RESEARCH ACTIVITIES AT THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL SCHOOL

A modern day school of medicine assumes a major obligation for development of new knowledge in medicine and the biological sciences through research as well as responsibility for teaching and patient care. Since the beginning of the medical school in Dallas, the majority of the faculty have participated in research activities which have resulted in many major contributions to knowledge in many aspects of medicine and the biological sciences. The research programs have steadily increased in scope and number of projects with a great acceleration in such activities during the past decade.

At the present time the full-time faculty, which numbers approximately 135 men and women, is working on approximately 250 separate research projects which involve many different kinds of studies, ranging from the very basic to applied sciences and clinical evaluations of many types. Approximately \$2,225,000 annually is used in support of research activities. The majority of the funds provided are made available through the numerous public and private granting agencies which have been set up in recent years for the purpose of stimulating and supporting research activities, although some contributions are made by individuals. The faculty of the medical school consists for the most part of men and women who have earned either the M.D. or the Ph.D. degree. In a number of instances faculty members hold both doctoral degrees. The faculty is aided in research work by more than 200 technical assistants who contribute much to the working laboratories.

During the year ending August 31, 1962, the full-time faculty of the medical school published 282 articles which appeared in a great variety of technical books and scientific journals. During this same period of time the clinical part-time volunteer faculty of approximately 700 physicians and other

scientists in Dallas and surrounding areas have contributed several hundred additional scientific works to the technical books and journals.

For a number of years the faculty of the school of medicine has been engaged in graduate education and in recent years 8 students have completed graduate programs at The University of Texas Southwestern Medical School and been awarded the Ph.D. degree, and 10 students have received training and been awarded the M.A. degree.

Because of the enormous expansion in research activities, it became evident that additional research laboratory space would be required. As a result of gifts from the Dan Danciger Foundation and Southwestern Medical Foundation, plans were completed a number of months ago for a six-story research laboratory building to be erected in continuity with the already existing structures of the medical school. The local funds were increased by matching funds from the Health Research Facilities Agency of the Public Health Service to plan this major addition to the research capacity of the school. Subsequently, supplemental funds were made available by Mr. A. Weinberger, the Dallas Community Chest Trust Fund, the Weinberger Foundation, the Danciger Foundation, and the Zale Foundation to increase the size and scope of the building to provide particularly for a major research laboratory in the field of cardiopulmonary diseases. The expanded building, presently under construction, will consist of eight floors for one of the most extensive research facilities in the north Texas area.

The growth of The University of Texas Southwestern Medical School in research has gone forward with a simultaneous strengthening of the teaching and patient care responsibilities. Each of these activities is greatly enhanced by the other two and the institution now takes its place among the

most productive in the nation, contributing much to the scientific and educational development of Texas and the entire Southwest.

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