

## a growing Medical Center



The new Medical Center of the University is to have a five-story addition to house clinical research facilities of the School of Medicine.

The addition is made possible by a grant of \$375,000 from the National Institutes of Health division of the U. S. Department of Health, Education and Welfare.

Added to the grant will be about \$425,000 which the School of Medicine has available from a number of unrestricted gifts and grants from other sources. Also to be constructed is an underground laboratory to house the new two-million-volt Van de Graaff X-ray generator, donated to the School by the Donner Foundation of Philadelphia.

In announcing the new construction plans, President Ellis said that Dean Roscoe L. Pullen had been working on requests for the grant for many months. He added that architects are at work on plans with the hope that contracts may be awarded by next spring. Work on the underground laboratory for the radiology facilities may begin much sooner.

President Ellis said the \$425,000 matching funds which the University will devote to the construction include a balance left on hand from the original appropriation of \$13,500,000 for construction of the new Medical Center and which the Legislature re-appropriated for building purposes. The University had also received a grant of \$100,000 from the Hill-Burton funds for construction of the new Nurses' Dormitory.

Dean Pullen said the present plan calls for construction of third, fourth, fifth, sixth, and seventh floors to that section of the Medical Sciences Building which connects that structure with the Teaching Hospital building, and which has been called "the corridor."

The two-story corridor now houses the Medical Auditorium, the Medical Library, and a number of offices and research laboratories.

Dean Pullen said the new addition to the Medical Sciences Building will be used entirely for research facilities, enabling the School of Medicine to develop

considerable expansion in research in many fields of health and health related sciences. Basic research along various lines will also be pursued in both the basic science departments and the clinical departments.

Tentative allocation of the space provides for the third floor to be occupied by the general surgery research unit; the fourth floor by internal medicine research; the fifth floor by surgical specialties; the sixth floor by obstetrics and gynecology and preventive medicine and public health research; and the seventh floor pediatrics and related specialties.

The underground laboratory will be constructed in the area between the Teaching Hospital building and the Nurses' Residence Hall.

In his application for the Federal grant, Dean Pullen stated that the University School of Medicine objectives included research along the following lines: heart disease and circulatory problems which are the number one cause of death in the State of Missouri; cancer and neoplasia, which are the number two causes of death in the State; studies in relation to poisoning and accidental injuries which are a major cause of deaths in children in the State; extensive studies in the causes, correction, and prevention of mental illness utilizing all techniques known to medical science and which offer productive leads; studies in arthritis and locomotor diseases; studies of disorders of metabolism such as diabetes mellitus, fluid and electrolyte balance, dietary habits, and the like; studies in physical medicine and rehabilitation; the development of a department of preventive medicine and public health; continuing studies on the methods of anesthesia and resuscitation; the development of a department of radiation physics and biology; the establishment of exhaustive studies in pre-natal deaths and the care of the nursery including the premature child; studies not only on the mechanism, but prevention of such illnesses as acute rheumatic fever, acute glomerulonephritis, and the like; and observations concerning growth and development of the normal child.