

In the division of oral histology, Professors Charles F. Bodecker and William Lefkowitz have shown that structural changes occur in the dentin after the eruption of the teeth. These changes have been called "protective metamorphosis" because they offer an added resistance to decay. Dr. Lefkowitz has demonstrated that protective metamorphosis begins in the crowns of the teeth five years after their eruption and progresses to the root. These changes show that vital activity occurs in the dentin long after this tissue is fully formed.

DIVISION FOR EMERGENCY TRAINING AT THE UNIVERSITY OF MICHIGAN

SPECIAL training programs for all students preparing for military and civilian service to the country which do not fall within the scope of the fourteen existing schools and colleges of the University of Michigan will be organized and directed by a new Division for Emergency Training, established by the Board of Regents at their December meeting. The division will not take over the functions of the older schools and colleges or attempt to duplicate their work, but will supplement their activities and act in cooperation with them.

The teaching staff will be recruited in so far as possible from the present faculties, many of whose members can be loaned by their respective schools and colleges in view of reduced teaching obligations resulting from the draft of men of college age and the calling up of college reservists. Associate Professor Marvin L. Niehuss, of the Michigan Law School, was named coordinator of emergency training and will act as executive head of the division.

The regents directed the new division to plan and announce training programs relating to the war effort for the following classes of students:

- (1) Those high-school graduates who wish to receive special preparation prior to their induction in the armed service.
- (2) Those students now enrolled in the university who wish kinds of preparation for special war or supporting civilian service not available in the schools and colleges in which they are enrolled.
- (3) Adults, including those who are not high-school graduates, but who are qualified to take courses offered in the division.
- (4) Officers and enlisted men and women of the armed forces who may be sent to the university for prescribed training not available in the other schools and colleges.
- (5) Veterans of the present war who wish specialized training not provided in the existing schools and colleges.
- (6) Such other selected individuals not eligible for admission to other schools and colleges of the university for whom it is possible and expedient to provide programs of instruction that would increase their efficiency in the armed forces or in supporting civilian services.

Establishment of the division is especially important in the light of the newly announced plans of the

Army and Navy which contemplate the use of college and university facilities for training officers and specialists for various branches of military service and in view of the demand for specialized training of personnel for jobs in the supporting civilian economy. Training in both these categories may cut across the lines separating the functions of the existing university units and call for a centralizing agency which can mobilize all university facilities in the emergency. The division will be able to admit students for special war training who do not meet entrance requirements in the older teaching units, thus eliminating the necessity of changing these requirements and disrupting the existing instructional programs which are essential for other groups of students.

BEQUEST FOR THE ENDOWMENT OF THE TECHNICAL INSTITUTE OF NORTH-WESTERN UNIVERSITY

A BEQUEST of more than \$20,000,000 is made to Northwestern University by the will of Walter P. Murphy, manufacturer of railway supplies, who died on December 16. Dr. Franklyn B. Snyder, president of the university, points out that this is the largest bequest ever made to higher education by a citizen of Chicago, and is probably the largest in the nation since 1924, when James B. Duke bequeathed \$40,000,000 to Trinity College (now Duke University).

Notification of the bequest came to President Snyder from the executors of the Walter P. Murphy estate, who informed him that Northwestern University will receive the entire estate after payment of bequests to relatives and friends and that the value of the gift was estimated to be "in excess of twenty million dollars."

Mr. Murphy specified that the fund should be used to develop, maintain and operate the Technological Institute of Northwestern University, which was founded in 1939 with a gift of \$6,735,000 from the Walter P. Murphy Foundation. Beyond this restriction, no limitation was placed on the use of the bequest, leaving to the board of trustees of the university the final decision as to future management.

Mr. Murphy expressed a desire that as much as possible of the principal should be held intact and used for endowment of the institute. At the same time he empowered the trustees to spend portions of the principal from time to time, and all or any part of the annual income, for additional buildings, equipment, professorships, scholarships, books, research and such other purposes as the trustees think necessary to the proper operation of the institute. He also specified that the institute, as a part of its operations, may give instruction in science to other than engineering students of the university.