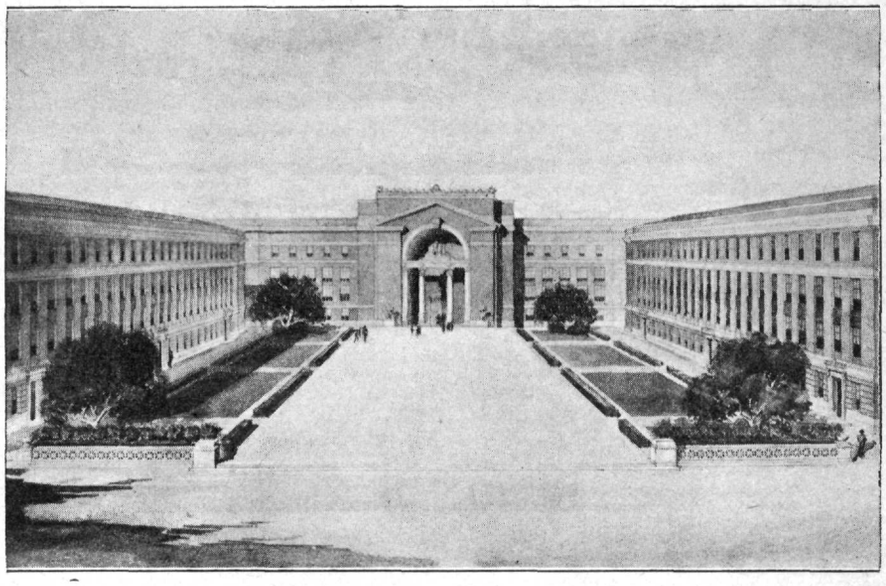
Campus Notes



Part of Proposed Quadrangle

Short Wave Treatment for Disease

A short wave radio broadcasting set in a room smelling more like an operating chamber than a studio and with thermometers and charts rather than saxophones and sheet music, is one of the recent additions to the equipment of Kinsman Hall, medical and surgical research laboratory.

The operators are earnest, white-jacketed doctors, intent upon securing additional information regarding the discovery that radio waves may have much the same effect upon persons as fever. The effect of these waves was first noticed at Schnectady, New York, when workers near a powerful short wave set complained of being uncomfortably warm and showed evidence of being feverish when their temperatures were taken.

Induced fever has for some time been used in the treatment of venereal diseases. A controlled fever resulting from radio waves, if proved safe and practical, will have important advantages over fever induced by malaria or other sicknesses.

There are only four or five other places in the United States where similar experimentation is being conducted.

The set, constructed by Dr. Edwin E. Dreese and Professor John F. Byrne, both of the department of electrical engineering, was first tried out in the Communications Laboratory and subsequently transferred to the laboratory of medical research. Drs. Charles A. Doan, George M. Curtis and Bruce K. Wiseman, all of the department of medical and surgical research, are collaborating with the department of electrical engineering in experimenting with the medical possibilities of radio waves.

At present the work being done here is in its primary stages, but practical application of radio wave treatment will eventually be done clinically.

The radio set similar to those used in trans-continental broadcasting has a wave length of 30 meters and an oscillating frequency of 10 to 14 million cycles per second.

57 Frosh on Honor Roll

Fifty-seven freshmen in the College of Engineering received grades of 3.0 or better in the winter quarter. Of these 5 are eligible to membership in Phi Eta Sigma, freshman honorary fraternity.

Cards of congratulation were mailed to the students for the proficiency shown in their studies. Parents of the students were also notified of these scholastic achievements.

Those freshmen eligible for Phi Eta Sigma are: Henry S. Bagley, Robert E. Clark, Charles E. Green, Curtis R. Hill, and Theron W. Jenkins.

The remaining students on the honor roll are: John H. Abbott, Richard M. Abbott, Carl Ambos, James D. Anderson, Robert W. August, George W. Ballantine, William A. Beers, John A. Bostic, Norman J. Broadway.

Karl F. Culler, Fred Everson Culp, Donald J. Dietrich, Ralph W. Drayer, Robert A. Ewing, Richard E. Figley, William E. Fillmore, Mark C. Fleming, Mathias A. Gruber, Andrew Hammerschmidt, Walter C. Hansen, Mac L. Henney, Howard E. Hite, James R. Lamberton, George F. Leatherman, Norman Lieberman.

John L. Michaelis, Ben C. Michener, Harry V. Miles, Robert N. Miller, John E. Pekruhn, Lawrence D. Prehn, John F. Quirk, Theodore J. Rayl, John W. Rickey, James M. Robinson, Leland F. Roy, Blair B. Rychel, Wilbur A. Schaich, Morris D. Scott.

John M. Shank, Philip E. Sharr, Edwin D. Sisson, David E. Stouffer, James N. Thurston, Richard L. Tully, Paul E. Uhl, Norbert A. Voss, John M. Whitmore, Glyn O. Williams, Arthur A. Wuest, Alton T. Young and Robert W. Zinn.