

direction of Professor A. H. Roffo, its founder. The original hospital consisted of one building. Now there are thirteen buildings, inclusive of the new pavilion, which occupy an area of $12\frac{1}{2}$ acres. Its annual budget is 260,000 (Argentine) pesos (about \$78,550), with additional donations and endowments.

The work of the institute is done in three divisions: medical research, diagnosis and treatment and social welfare. The research activities are devoted to the experimental study of cancer, biochemistry, physical chemistry, experimental pathology, pathologic anatomy, tissue culture, radiobiology and experimental surgery. The diagnostic division has a dispensary for the early diagnosis and treatment of outpatients. Up to the beginning of 1939, 82,000 patients had been examined in the dispensary; clinical treatment is in the hands of specialists. The annual number of patients has risen from 1,772 in 1923 to 8,554 in 1938, the number of consultations from 6,767 to 91,752, the number of treatments from 3,900 to 50,279. The total number of treatments (end of 1938) was 354,000. In 1923, 422 persons were admitted; in 1938, 3,174; altogether 27,599. The division of social welfare does not confine itself to handling patients of the institute. It seeks to educate the public by means of pamphlets and lectures. A "cancer hour" is held every Saturday, in which the schools may participate. There is a visiting nurse service which accords special attention to carcinomatous housewives and mothers. There is also a school of nurses.

Dr. Roffo recently was made an Officer of the Legion of Honor at a ceremony at which the French Ambassador presented him with a check for a hundred thousand francs for the foundation of a fund for the study of cancer.

COOPER UNION ENGINEERING CAMP

PLANS to establish an engineering camp for Cooper Union, New York City, on the Hewitt estate in the Ramapo Mountains near Ringwood, N. J., were adopted at a recent meeting of the Cooper Union Board of Trustees. Norvin Hewitt Green has offered to convey by gift a tract of 150 acres to the union as a memorial to his mother, the late Amy Hewitt Green, daughter of Abram S. Hewitt, former mayor of New York, and granddaughter of Peter Cooper. Title to the property, which will be known as the Green Engineering Camp and which includes twenty farm buildings and tenant houses, will pass to Cooper Union early in January. Development work will be started at once, and the camp will be opened in 1940 as a summer center of engineering education.

In describing Mr. Green's benefaction Dr. Gano Dunn, president of the union, pointed out that

the Cooper and Hewitt families have been intimately associated with the institution since its founding by Peter

Cooper in 1859 as a free school for the education of the working classes, and have made vital contributions to its progress.

For years, in the absence of an engineering camp of the kind enjoyed by many universities and other institutions of learning, the engineering students of Cooper Union have been obliged to learn the art of surveying by setting up their instruments and running their lines in Central Park, which a friendly city administration permitted them to do.

The camp site is especially adaptable to engineering work. Comprising large areas of meadow land and wooded slopes, the property is adjacent to a variety of geological formations and mines.

The trustees have decided to carry out at the camp not only the engineering activities related to surveying, but other activities associated with summer camps in connection with the development of the fine arts, and with the general objective of the social betterment of the students of Cooper Union.

All field work in engineering will be carried on at the Green Engineering Camp, thus making it possible to devote more of the regular school curriculum to languages, history and other liberal arts subjects under the department of humanities, created this year with a view of developing a rounded culture in Cooper Union students.

The limitations on education resulting from a strictly urban location are recognized. It is indeed fortunate that Cooper Union will now be enabled to offer its students, six sevenths of whom come from New York and Brooklyn, country advantages in education and recreation.

Administration of the camp will be in charge of Dr. Edwin Sharp Burdell, director of the union. While at the outset educational activities will be provided for the schools of engineering, it is planned eventually also to make provision for the art schools. Week-end expeditions of student and faculty groups will be a winter feature. Buildings will be remodeled to provide instrument rooms, blue printing and dark rooms, recreation and reading rooms, a social hall, a mess hall, a kitchen, store rooms, a general workshop for repairs and handieraft work, drafting rooms, a lecture hall and an infirmary. Facilities will ultimately be provided for outdoor sports, including tennis, baseball, volleyball and swimming.

THE OBSERVATORY OF THE CASE SCHOOL OF APPLIED SCIENCE

GIFTS amounting to the sum of \$123,000 have been made to the Case School of Applied Science in Cleveland for the purpose of enlarging the present Warner and Swasey Observatory, of providing it with an auditorium for public lectures and of installing a new and powerful telescope. These gifts have come mainly from those associated with the founders of the Warner and Swasey Company, Worcester R. Warner and Ambrose Swasey. The auditorium, a memorial to Mr. Warner, is the gift of his widow, Mrs. Worcester R.