

CANCER-FIGHTING CENTER—In the quadrangle at the left will be the laboratory for 40 students, dining and recreation hall, and residence lodges of the new summer school for student cancer fighters. At the right is the large building to house the laboratories, offices and famous mice of the Roscoe B. Jackson Memorial Laboratory. Not shown in the drawing but also planned if funds can be raised will be bungalows for visiting cancer researchers and their families.

scientists and their families and for an endowment for upkeep of the labora-

A summer center for cancer researchers from all over the world to work and exchange ideas will develop if the hopes of Dr. Little, the American Cancer Society and the National Cancer Institute are fulfilled.

Science News Letter, January 24, 1948

New Blood Center Starts

It will collect, process and distribute the blood free to those who need it. Rochester is first on this national lifesaving program.

➤ MEN and women of Rochester, N. Y. and surrounding counties got the opportunity to be first to take part in a new life-saving, disease-fighting venture when Basil O'Connor, American Red Cross president, opened and dedicated the Rochester Regional Blood Center under the new national blood program.

Next time one of them reads in his newspaper that the life of someone in the region, an accident victim or a mother in childbirth, has been saved by a blood transfusion, he can say to himself, "I may have saved that life. It might have been my blood that was used.'

The center will collect, process and distribute blood from and to the people of Rochester and the 11 counties in this region. Other centers, from here to California, will open rapidly one after another during the next few months

The set-up is like that under which the Red Cross collected blood to save our wounded fighting men during the war. But it is a vastly expanded program that is now getting under way. Civilians, as well as patients in Army, Navy and Veterans hospitals, will get the blood when they need it.

Bloodmobiles will go out into rural areas to collect blood and bring it to the regional center for processing. They will return it to hospitals and doctors serving rural areas for the benefit of people living there.

The blood will be free, a gift really from the hearts of Americans to their fellow-Americans in desperate need. The only charge will be whatever the hospital or doctor gets for the transfusion service.

Providing whole red blood for lifesaving transfusions is the first aim of the program. But as the blood pours in and the banks grow full, some of it will be seperated into fractions for fighting disease.

This is a measles year. Tens of thousands of children will catch this disease, but with the aid of one blood fraction, they can be protected against a severe attack and its dangerous complications. Patients with hemophilia, others with a kind of kidney disease, still others having surgical operations can also be helped by different parts of the blood separated by methods devised by Dr. Edwin J. Cohn of Harvard.

Blood may have still undiscovered uses in fighting disease and death, Mr. O'Connor pointed out in his dedication of the center.

"All of us," he said, "I think have a strong feeling that this dedication is a milestone in the medical history of the country and in the improvement of healing and restorative facilities for our citizens. But none of us can foresee what tremendous scientific gains may result from the national blood program."

Science News Letter, January 24, 1948

SCIENCE NEWS LETTER

JANUARY 24, 1948

The weekly summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N. W., Washington 6, D. C., NOrth 2255. Edited by WATSON DAVIS.

Subscriptions—\$5.00 a year; two years, \$8.00; 15 cents a copy. Back numbers more than six months old, if still available, 25 cents.

Copyright, 1948, by SCIENCE SERVICE, Inc. Republication of any portion of SCIENCE NEWS LETTER is strictly prohibited. Newspapers, magazines and other publications are invited to avail themselves of the numerous syndicate avail themselves of the numerous syndicate services issued by Science Service.

Entered as second class matter at the post office at Washington, D. C., under the Act of March 3, 1879. Established in mimeographed form March 18, 1922. Title registered as trademark, U. S. and Canadian Patent Offices. Indexed in Readers' Guide to Periodical Literature, Abridged Guide, and the Engineering Index.

Member Audit Bureau of Circulation. Advertising Representatives: Howland and Howland. Inc., 393 7th Ave., N.Y.C., PEnnsylvania 6-5566 and 360 N. Michigan Ave., Chicago, STAte 4439.

SCIENCE SERVICE

The Institution for the Popularization of Science organized 1921 as a non-profit corporation.

ence organized 1921 as a non-profit corporation.

Board of Trustees—Nominated by the American Association for the Advancement of Sciences:
Edwin G. Conklin. American Philosophical Society. Nominated by the National Academy of Sciences:
Harlow Shapley, Harvard College Observatory: Warren H. Lewis, Wistar Institute;
R. A. Millikan, California Institute of Technology. Nominated by the National Research Council: Hugh S. Taylor, Princeton University;
Ross G. Harrison, Yale University Alexander Wetmore, Secretary, Smithsonian Institution. Nominated by the Journalistic Profession: A.
H. Kirchhofer, Buffalo Evening News; Neil H. Swanson, Executive Editor, Sun Papers; O.
W. Riegel, Washington and Lee School of Journalism. Nominated by the E. W. Scripps
Estate: Max B. Cook, Scripps Howard Newspapers; H. L. Smithton, Executive Agent of E. W. Scripps Trust; Frank R. Ford, Evansville Press.

Officers—President: Harlow Shapley, Vice

Officers—President: Harlow Shapley, Versident and Chairman of Executive Communetee: Alexander Wetmore. Treasurer: O. Riegel. Secretary: Watson Davis.

Staff—Director: Watson Davis. Writers: Frank Thone, Jane Stafford, A. C. Monahan, Marjorie Van de Water, Martha G. Morrow, Ron Ross. Science Clubs of America: Joseph H. Kraus. Margaret E. Patterson. Photography: Fremont Davis. Sales and Advertising: Hallie Jenkins. Production: Priscilla Howe.