

of three groups which the Army is sending to the university for 12-week instruction periods. The first group will complete the course on December 19, and a second class, which will consist of twenty-seven army physicians, will arrive at the university on January 4. No date has been set for the arrival of the third group. Dr. Howard B. Lewis, chairman of the department of biological chemistry and director of the College of Pharmacy, is the coordinator in charge of a staff of eight university professors. The extensive course provides the army physicians with the latest developments in laboratory training and methods, and is designed to develop the officers into "one-man laboratories" so that they can perform any ordinary type of laboratory procedure if they are established at some isolated Army post. The officers now in training spend forty-four hours each week in university classrooms and laboratories. All of them hold commissions as first lieutenants or higher and all are college graduates with medical degrees who have been stationed at Army hospitals and medical centers throughout the country.

SIXTY college professors and high-school teachers, some of them chairmen of departments and most of them holders of the degree of doctor of philosophy, have returned to New York University as freshmen. They are specialists in such cultural subjects as English, history, philosophy, education and foreign languages. They are taking intensive courses in physics and in mathematics to meet the impending wartime need for teachers of those studies. The course in physics will cover mechanics, heat, electricity, light and sound. During the twenty-week term, the students will assist in regular laboratory sessions in addition to attending lectures, demonstrations and laboratory classes. The course is sponsored by the U. S. Office of Education, under its war-training program in engineering, science and management and is administered by the War Training Office of the College of Engineering at University Heights, N. Y.

TEACHING and research in metallurgy will be undertaken by the University of Rochester in collaboration with industrial firms that have provided \$100,000 in cash and equipment to assist in providing 5,000 trained men in metallurgy needed in the war industries.

#### **METEOROLOGICAL OFFICERS IN THE ARMY AIR FORCES**

MEN with high-school diplomas or their equivalent and college freshmen and sophomores have been made eligible for training leading to commissions as meteorological officers in the Army Air Forces.

The training course for high-school graduates or those of equivalent education will begin on February

1 and will require about twenty months. The college students will begin their course on March 1 and graduate in about fifteen months. Both groups will be paid while in training and will receive free uniforms, board, room and tuition.

A call for immediate applications for the courses has been issued by Dr. Carl G. Rossby, of the University of Chicago, chairman of the University Meteorological Committee and spokesman for the five universities giving professional meteorological training for the Armed Forces. Applications should be sent to the University Meteorological Committee, care of the University of Chicago.

High-school graduates will be given twelve months of pre-meteorological training, equivalent to two years of college mathematics and science. College freshmen and sophomores will receive six months of preliminary training, equivalent to the regular second-year course of college mathematics and science. Both groups will be paid \$50 a month plus \$2.35 a day for rations and quarters.

After satisfactory completion of the preliminary work, the men will become Army Aviation Cadets, with a salary of \$75 a month. They then will begin eight months of advanced training, and after completing this work will be eligible for commissions as second lieutenants in the Army Air Forces.

Academic credit toward college degrees is granted for the advanced work and credit for the pre-meteorological training is now under consideration, so that the prospective meteorologist is working also for a post-war college degree. To be eligible for the training, a student must have completed a high-school course of study in trigonometry, analytic geometry and college algebra. He also must be a citizen between eighteen and thirty years of age and be able to meet the physical standards of the Army Officers Reserve Corps.

The advanced professional meteorological training is given under the auspices of the University Meteorological Committee at the University of Chicago, the University of California (Los Angeles), the California Institute of Technology, the Massachusetts Institute of Technology and New York University. The pre-meteorological training will be given at selected institutions in all parts of the country.

There are still a few openings left for properly qualified students who wish to enter directly into the professional meteorological courses that will begin on January 4. All inquiries should be addressed to the University Meteorological Committee, care of the University of Chicago.

#### **CHARLES L. MAYER AWARDS OF THE NATIONAL SCIENCE FUND**

THE establishment of two prizes of the value of \$2,000, to be known as the Charles L. Mayer Awards,