

The airport is the first unit of the planned facilities for education and research in the many phases of aviation. The ultimate aim is to have in one university the plant and personnel to cover the economic, sociological and medical problems, as well as the technological problems of aeronautics. The new airport will be open for military and commercial use, for civilian flying and will at the same time serve as a research laboratory for the university.

The official announcement of the plans gives the following objectives for the university in relation to aviation:

1. To serve the industry by providing education for such college-trained personnel as are needed in the design, construction and production of all types of airplanes and engines; in the whole field of commercial air transport for both foreign and domestic service; and in airport design, construction, operation and maintenance.

2. To develop research personnel for private, commercial, government and university laboratories.

3. To provide teacher-training programs for high-school teachers, both specialists who teach aviation courses and non-specialists who teach high-school courses related to aviation.

4. To develop and direct off-campus educational programs for technical or industrial personnel and teachers, and for adults interested in the social, economic and political implications of aviation.

5. To provide short courses on the campus to educate university graduates in the newest developments and needs of aviation, and to keep them abreast of changing needs and knowledge.

6. To provide flight instruction for limited numbers of properly qualified students under sponsorship of the CAA or the Reserve Officers' Training Corps. (For example, high-school teachers who expect to handle special aviation courses should acquire some slight experience.)

7. To develop, in cooperation with the aviation industry, the CAA, the Army and Navy air forces and with other interested national agencies, cooperative research programs related to air transportation.

THE COMMITTEE ON PHARMACEUTICAL RESEARCH OF THE AMERICAN PHARMACEUTICAL ASSOCIATION

THE Committee on Pharmaceutical Research of the American Pharmaceutical Association announces the availability of certain limited funds for research grants.

These grants are to be made by the council on the recommendations of the Committee on Pharmaceutical Research. They are to be made on the premises:

- (a) the extent which the award will serve to promote pharmaceutical research;

- (b) whether the award supplements the American Pharmaceutical Association laboratory program;

- (c) the qualifications of those who will perform the

work for which the award is made and the facilities of the laboratory where the research will be conducted;

- (d) preference will be given to applications wherein the award will supplement a contribution from the institution or laboratory in which the research will be conducted.

Those interested in being considered for the above awards should communicate promptly with the chairman of the Committee on Pharmaceutical Research (Ivor Griffith, 43d and Kingessing Ave., Philadelphia 4, Penna.) who will send an application blank which, when returned, will supply all the details that will enable the committee to evaluate carefully the projects listed in the application. These applications should be forwarded promptly so that they can be given early consideration.

IVOR GRIFFITH,

Chairman of the Committee on Pharmaceutical Research

SYMPOSIA OF THE AMERICAN CHEMICAL SOCIETY

A SYMPOSIUM on "Frontiers in Biochemistry" will be held by the Division of Biological Chemistry at the one hundred and eighth meeting of the American Chemical Society, which meets in New York City from September 11 to 15. It is announced that twenty-nine papers will be presented at five sessions. The subjects to be discussed include human plasma, penicillin and vitamins. Dr. Elmer M. Nelson, of the U. S. Food and Drug Administration, Washington, D. C., chairman of the division, will preside. Institutions represented on the program are Columbia, Cornell, Harvard, Minnesota, Missouri, Pittsburgh, Rutgers, Stanford, Texas, Wisconsin and Yale, the Rockefeller Institute, New York; the Mayo Clinic, Rochester, Minn.; Lankenau Hospital, Philadelphia; the Massachusetts General Hospital, Boston; the U. S. Department of Agriculture and Distillation Products, Inc., Rochester, N. Y.

Among the speakers and their subjects are the following:

Dr. Henry C. Sherman, of Columbia University, now working with the U. S. Department of Agriculture, will present a paper on "Nutritional Principles in Wartime Food Problems." "Studies on Vitamins B-10 and B-11" will be reported by a group from the University of Wisconsin composed of Drs. C. A. Elvehjem, J. M. Briggs, Jr., T. D. Luckey and E. B. Hart. "The Chemistry of Muscle During Shock" will be the subject of a paper by Jesse L. Bollman and Eunice V. Flock, of the Mayo Foundation.

Dr. Karl Meyer and Eleanor Chaffee, of Columbia University, will speak on "Biologically Active Derivatives of Penicillin."

Dr. Rollin D. Hotchkiss, of the Rockefeller Institute,