

primary purpose of the Institute shall be to discover and encourage the work of individuals of great talent and promise."

The university regents approved three professorships in the institute, effective 1 Jan.: Daniel Mazia, professor of zoology, for research on the life-history of the cell; Jerzy Neyman, director of the Statistical Laboratory, for research on the distribution of galaxies and expansion of the universe; and Stephen P. Diliberto, associate professor of mathematics, for research on stability of the moon's orbit and also on the three body problem.

Five more professorships will be effective on 1 July: G. H. Curtis and J. F. Evernden, both assistant professors of geology, who will continue work to establish geologic time correlation between continents and to set up a world-wide time scale by absolute dating of rocks, using the potassium-argon method; W. A. Nierenberg, professor of physics, for research in the hyperfine structural anomalies in cesium and rubidium; Roger Y. Stanier, professor of bacteriology, for research on photosynthetic pigments; and James Cason, professor of chemistry, for research on the electrochemical reduction and the chemistry of organo-phosphorus compounds. In addition, provision was made for the appointment of a visiting research professor of radio astronomy; a scientist for this post will be named later.

Initial appointments and grants have been made in the amount of approximately \$170,000, including the payment of salaries and administrative and other costs. Under the terms provided by the donor, research professors and fellows will hold appointments for varying terms, not to exceed 5 years, unless the time is extended by a favorable vote of three-quarters of the regents of the university on recommendation of the Advisory Board.

The appointments reported so far will extend for periods of from 6 months to 2 years. In each case, the researcher holds an appointment in the institute comparable to his faculty post. When faculty members are appointed to temporary research professorships in the institute, their regular university salaries are to be made available to their departments to provide for replacements on the teaching staff.

The plans for the administration of the institute were drawn up by a committee of 12 faculty members headed by Chancellor Clark Kerr. The major organizational components of the institute are the Advisory Board and the Executive Committee.

The seven members of the Advisory Board include three scientists nominated by the National Academy of Sciences: Jerome Hunsaker, aeronautical engineer of the Massachusetts Institute of Tech-

nology; I. I. Rabi, Nobel laureate at Columbia University; and Paul Weiss, head of the laboratory of Developmental Biology of the Rockefeller Institute for Medical Research. Four Advisory Board members on the university staff are President Robert G. Sproul, chairman, *ex officio*; William R. Dennes, professor of philosophy; Glenn T. Seaborg, Nobel laureate and professor of chemistry; Curt Stern, professor of zoology. The Executive Committee is composed of the four University of California members, with Dennes as chairman.

### Synthetic Racemic Material Available

CIBA Pharmaceutical Products, Inc., Summit, N.J., has made available to the Endocrinology Study Section, National Institutes of Health (Bethesda 14, Md.), its limited supply of *d,l*-aldosterone for biological and clinical investigation. This synthetic racemic material has one-half the biological activity of the natural *d*-aldosterone.

The synthetic material is available to qualified investigators in the following forms: *d,l*-aldosterone 21-monoacetate in a purified sesame oil solution (200 µg/ml and 20 µg/ml); *d,l*-aldosterone 21-monoacetate in a 95-percent ethanol solution (1 mg/ml); and *d,l*-aldosterone (nonesterified) in a 95-percent ethanol solution (10 µg/ml). The monoacetate will be distributed for biological work and the nonesterified form will be limited to use as a chromatographic standard. The alcohol solution of the monoacetate can be diluted for intravenous injections. Purified sesame oil can be obtained from CIBA for those who have occasion to dilute the oil solutions.

Requests should be made by letter to Dr. R. T. Hill, Executive Secretary, Endocrinology Study Section. The letter should state briefly exactly how much of the material is wanted and then describe the nature of the investigation in which it is to be used.

### Tulane Apprenticeships in Zoology

The zoology and botany departments of Tulane University have instituted an apprenticeship program to provide entering freshmen with an opportunity to follow their interests in biology under guidance of the faculties in zoology and botany. Each apprentice will be assigned to a professor in the appropriate field. The student will devote 4 hours each week to a biological problem of his selection and will be encouraged to participate in departmental activities such as special lectures and graduate seminars. The program pays no stipend.

### Population Reference Bureau

The Population Reference Bureau of Washington, D.C., has issued an invitation to graduate students to join its summer workshop. Candidates should be, preferably, students of demography, sociology, conservation, economics, or geography. Each member of the workshop will carry through his own research problem, from the bare statistics to a finished, interpretive essay.

When applying, candidates should explain how their major interest is related to population problems. Their applications should be supported by two letters from professors, instructors, or faculty advisers.

The 1957 session, the bureau's sixth annual workshop, will begin on 17 June and close on 26 July. Only six candidates will be chosen. They will receive \$300 toward transportation and subsistence in Washington. Applications should be submitted by 30 Mar. to the Population Reference Bureau, 1507 M St., NW, Washington 5, D.C.

### Intermittent Publications

One of the recommendations of the first International Congress on Documentation of Applied Chemistry, London, 1955, was "that National Centres to deal with Intermittent Publications be created." This question has been given careful consideration by the Ad Hoc Committee on Abstracting and Documentation of the International Union of Pure and Applied Chemistry, under the chairmanship of H. R. Kruyt.

The committee was of the opinion that it would be inadvisable to stimulate the creation of new national bodies for this kind of documentation. It was, however, decided to write to each of the national adhering bodies of the union asking them about the present position with regard to the documentation of such publications in their countries. The term *intermittent publications* has been defined as documents which are not books in the ordinary sense and not regular periodicals; they may be printed, offset, mimeographed, photographed, or even typewritten; they comprise reports, monographs, symposia, surveys, conference papers, data sheets, students' theses, standard specifications, test specifications, bulletins, technical papers, circulars, leaflets, and memoranda.

Of the 30 or so countries queried, 17 have sent replies varying considerably in length and comprehensiveness. The following is an attempt to summarize the present position on the basis of the replies received.

All the national adhering bodies recognize the size of the task. Yugo-