

dustrial technology is placed under unified direction.

To direct the planning work Dr. H. R. Tolley, administrator of the Agricultural Adjustment Administration, formerly director of the Giannini Foundation of the University of California, has become chief of the reconstituted Bureau of Agricultural Economics.

Secretary Wallace, according to the official announcement, said:

It is imperative that we establish over-all planning work for the whole department in order to provide for proper functioning of the many new activities authorized in recent years by the Congress. It has become all the more necessary since the department last July entered into a significant and far-reaching agreement with the Land Grant College Association. Under the agreement the colleges and the department are establishing democratic procedure that will give farm people an effective voice in forming, correlating and localizing public agricultural programs. Farm people and official agencies in the states are now forming community, county and state groups to carry on land-use planning and program building. In the expanded Bureau of Agricultural Economics, the department is now establishing its part of the machinery needed to integrate state and local planning with general planning and program-forming activities within the department.

To consolidate the marketing work, A. G. Black leaves the post of chief of the Bureau of Agricultural Economics and becomes director of the Bureau of Marketing and Regulatory Work. His associates, the chiefs of the four agencies combining all marketing and regulatory activities, will be: Jesse W. Tapp (formerly assistant administrator of the AAA), surplus commodity diversion and marketing agreements programs; C. W. Kitchen (formerly assistant chief of the Bureau of Agricultural Economics), marketing research, service and regulatory work; J. W. T. Duvel, continuing as chief, Commodity Exchange Administration; and Joshua Bernhardt, continuing in charge of activities under the Sugar Act of 1937. R. M. Evans leaves the post of assistant to the secretary and becomes administrator of the Agricultural Adjustment Administration.

The consolidation of physical operations in land-use programs for farm land brings them all under H. H. Bennett, chief of the Soil Conservation Service. Widening the uses of farm products is the purpose of merging technological research work, including that in the Bureau of Chemistry and Soils and that in the Bureau of Agricultural Engineering, under the direction of the chief of chemistry and soils, H. G. Knight.

THE DEDICATION OF THE ABBOTT LABORATORIES

THE fiftieth anniversary of the founding of the Abbott Laboratories, pharmaceutical manufacturers,

in North Chicago, was celebrated on October 7 with the dedication of a new laboratory building.

There was a special program in the afternoon, following an inspection tour in the morning. The speakers and their subjects were: Dr. Karl T. Compton, president of the Massachusetts Institute of Technology, "The University and the Public Welfare"; Dr. Herbert M. Evans, Morris Hertzstein professor of biology at the University of California, "The Task and Spirit of Research," and Dr. Thomas Parran, surgeon general, U. S. Public Health Service, Washington, D. C., "Research and Public Health." In the evening a program was presented at the Palmer House with the following speakers: Dr. Harrison E. Howe, editor of *Industrial and Engineering Chemistry*, "The Contributions of Organized Chemistry"; Dr. George D. Beal, assistant director of the Mellon Institute, Pittsburgh, "The Scientific Development of Drug Standards"; Dr. Morris Fishbein, Chicago, editor of the *Journal of the American Medical Association*, "The Contributions of Medicine to the Public Welfare."

The new building is three stories high with an attic and basement, providing facilities for the chemical, bacteriologic, botanic, medical and pharmaceutical research activities of the firm. In addition to laboratories it contains a micro-analytic laboratory, a library with accommodation for 20,000 volumes, hot and cold rooms for stability studies, dark rooms on each floor for the use of optical instruments, one dark room for use as a laboratory for light-sensitive reactions and an air-conditioned auditorium seating 800 persons.

THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

AT its annual meeting each year the council of the association votes a number of grants in aid of research. In order that applications for such grants may be examined and passed on by the committee on grants in time for the annual meeting, they must be filed in the office of the permanent secretary before November 1 on forms that will be supplied upon request. These forms contain full instructions respecting the information that must support the applications.

The funds from which the grants are made are derived from the income of endowments of the association by various gifts, from investments of reserve funds and from the income from the life membership fees of deceased life members. Although the income available for the support of research is as yet very limited, it fortunately has been increased in recent years by gifts from a friend of the association.

As a rule grants are not made to pay salaries of investigators or traveling expenses or for printing reports of the results of investigation. They are gen-

erally made for assistance in completing research projects that are well under way and for which valuable conclusions within limited periods may reasonably be expected. Often they complete the requirements for funds which have been partly met by the institutions with which the applicants are associated or from other sources.

Section I (Psychology) of the association will meet in Richmond, Va., from Tuesday, December 27, to Thursday, December 29. In addition to the usual program of contributed papers, there will be, on Wednesday, December 28, a symposium on "Recent Advances in the Psychology and Physiology of Audition" under the chairmanship of Dr. Elmer A. Culler, University of Rochester.

Since the change of the date of the meetings of the American Psychological Association from Christmas to

September, attendance at the meetings of Section I has steadily increased. It is hoped that a large number of psychologists will attend and participate in the Richmond meetings. The character of the general program must depend on the submitted papers, and members of Section I are urged to send in abstracts. Both theoretical and experimental papers are acceptable.

All fellows and members of the section who wish to read papers should submit abstracts in duplicate (not more than 300 words in length) of the papers which they wish to present. Please note on the abstracts the time required for presentation up to a limit of 15 minutes. Abstracts should reach the section secretary, Leonard Carmichael, Tufts College, Medford, Massachusetts, not later than November 11.

F. R. MOULTON,
Permanent Secretary

SCIENTIFIC NOTES AND NEWS

THE Perkin Medal of the Society of Chemical Industry for achievement in industrial chemistry has been awarded to Dr. Walter S. Landis, vice-president of the American Cyanamid Company.

DR. NEVIN M. FENNEMAN, professor of geology and geography at the University of Cincinnati, will be presented with the gold medal award of the Geographic Society of Chicago on October 22 at the annual post-vacation luncheon of the society.

AT the opening exercises of the Medical School of the University of Michigan on October 1, the degree of doctor of science was conferred upon Dr. Peyton Rous, member of the Rockefeller Institute for Medical Research, New York, who delivered the convocation address.

The Harvard Alumni Bulletin reports that in honor of Dr. Walter B. Cannon, George Higginson professor of physiology at the Harvard Medical School and national chairman of the Medical Bureau to Aid Spanish Democracy, a fund is being raised by his friends for relief work in Spain. The money will be sent this month, together with a portrait of Dr. Cannon, to Dr. Juan Negrin, premier of Spain, professor of human physiology at the University of Madrid and director of the physiological laboratory of the Ramón y Cajal Institute, a friend of Dr. Cannon.

DR. ALBRECHT PENCK celebrated his eightieth birthday on September 25. Professor Penck held for twenty years the chair of geography at the University of Vienna, when in 1906 he was appointed to take charge of the Museum of Marine Studies in the University of Berlin. In 1922 he was made director of the Institute of Geography of the university, becoming emeritus in 1927.

It is reported in *Nature* that Professor Alfred Kühn, director of the Kaiser-Wilhelm Institute of Biology, Berlin; Dr. Hugo Hassinger, professor of geography at the University of Vienna, and Dr. Hans Ahlmann, professor of geography at Stockholm, have been elected members of the Prussian Academy of Sciences in the physico-mathematical class.

DR. HAROLD C. UREY, professor of chemistry at Columbia University, will give the George F. Baker lectures in chemistry at Cornell University for the academic year 1938-39 in November and December. Dr. G. B. Kistiakowsky, of the department of chemistry at Harvard University, will be Baker lecturer in February and March, and Dr. P. W. Bridgman, professor of physics at Harvard University, will lecture in April and May.

DR. THOMAS FRANCIS, JR., member of the staff of the International Health Division of the Rockefeller Foundation, in charge of research on influenza, has been appointed professor of bacteriology in the New York University College of Medicine. The chair in bacteriology became vacant recently when Dr. William S. Tillett was assigned to the professorship of medicine formerly occupied by the late Dr. John Wyckoff.

DR. HIRAM BENTLEY GLASS, of Stephens College, Columbia, Mo., has been appointed assistant professor of biology at Goucher College, Baltimore.

DR. S. C. WERCH, demonstrator in physiology at the School of Physic, Trinity College, Dublin, has been appointed instructor in the department of pharmacology in the Medical College of the State of South Carolina.

DR. W. G. CLARK, of the Scripps Metabolic Clinic, La Jolla, Calif., has been appointed instructor in the department of zoology at the University of Minnesota.