

The relationship of the chemical profession to the chemical industry will be a principal field of effort.

There will be maintained a bureau of personal advice to guide recent graduates, unemployed chemists, unsuitably employed chemists and marginally employed chemists. It will sponsor a placement bureau making available a working register of all chemists and chemical engineers. The entire organization will be conducted by chemists and chemical engineers for chemists and chemical engineers. The council has been chartered as a membership corporation under the laws of the State of New York. The incorporators, who are also members of the board of directors, are: Professor Marston T. Bogert, of Columbia University, past president of the American Chemical Society; William W. Buffum, general manager of the Chemical Foundation; George C. Lewis, of the Columbia Alkali Company and the L. Martin Company; Maximilian Toeh, president of Toeh Brothers, Inc., and of the American Institute of Chemists; Edward R. Weidlein, director of Mellon Institute and past president of the American Chemical Society; Dr. Landis, Mr. Baldwin, Mr. Breyer and Professor Read.

A GRADUATE SCHOOL OF FORESTRY AT DUKE UNIVERSITY

A GRADUATE school of forestry will be opened at Duke University next autumn, after seven years of preparation. Dr. Clarence F. Korstian, who has been director of the Duke Forest since 1930, has been appointed dean of the school. He is president of the Society of American Foresters.

The school will begin with a full-time faculty of seven professionally trained foresters, in addition to two instructors in botany from the regular university faculty and an administrative staff. At the beginning of the second year, as the first-year class advances, the faculty will be enlarged to provide instruction in additional courses. The present members, in addition to Dean Korstian, who is professor of silviculture, are: T. S. Coile, assistant professor of forest soils; Dr. Ellwood S. Harrar, associate professor of wood technology; Dr. Paul J. Kramer, assistant professor of botany; William Maughan, associate professor of forest management; Francis X. Schumacher, professor of forestry; Roy B. Thomson, associate professor of forest economics, and Dr. F. A. Wolf, professor of botany.

The Duke forest of 4,938 acres directly adjoins the university campus, providing the school with a practice, demonstration and experimental forest that is entirely unique in this country in regard to its proximity to the forestry school. Laboratory and greenhouse facilities are provided in the building for biology. In addition an arboretum covering 300 acres is

being developed in which fifty-four species of trees have already been planted.

There will be no undergraduate degree offered. The school will accept for entrance men who have received their bachelor's degree from other universities, as well as those completing the pre-forestry course at Duke. The master of forestry degree will be available to such men in one or two years depending upon their previous training. The M.A. and Ph.D. degrees will be given for work in the scientific phases of forestry through the university graduate school. For this work the staff of the School of Forestry will serve as members of the forestry division of the Graduate School.

Summer school courses in forest surveying and forest measurements will be given and, during the two semesters of the regular school session, courses will be conducted in the fields of silviculture, forest management and valuation, forest soils and mensuration, dendrology, wood anatomy, forest economics, utilization, tree physiology, pathology, entomology and game management. During the past seven years the new school has acquired the needed educational facilities for its full operation. It is housed in the new biology building, which contains classrooms, laboratories, offices, a library, three refrigerated rooms, an incineration room, a workshop and eight dark-rooms. It is well provided with equipment necessary for teaching the field and laboratory phases of forestry and allied courses. The forestry section of the library includes important books and periodicals in English, and in French, German and certain other foreign languages. Over 150 periodicals and serials of importance in forestry and related fields are received.

NEW SCIENTIFIC JOURNALS

THE first number of the *Journal of Neurophysiology* has been issued. It is under the management of an editorial board composed of Dr. J. G. Dussier de Barenne and Dr. J. F. Fulton, Sterling professors of physiology at Yale University, and Dr. R. W. Gerard, professor of physiology at the University of Chicago. An advisory board of twenty-five distinguished physiologists from the United States and abroad will collaborate. The primary aim of the journal, which will be issued bi-monthly, is to provide a channel for prompt publication of original work bearing on the functions of the nervous system, peripheral and central. It has been planned to embrace all aspects of the subject amenable to experimental analysis; it will not include morphology for its own sake nor neuropathology, and only those clinical, psychological or zoological contributions will be considered which are primarily experimental in character.

The *Journal of Geomorphology*, edited by Dr. Douglas Johnson, professor of physiography at Co-

lumbia University, is a publication issued by The Columbia Press. It aims to provide an "open forum for the discussion of all problems concerning the origin and evolution of the earth's surface features." The hope is expressed that the journal "will do much to advance the scientific study of land-forms, that competent criticism and full exchange of views will serve

to perfect and codify the knowledge already gained in this field of earth study, and that publication of methods and results of geomorphic researches will aid the investigations of every worker in this growing science, and thus materially enlarge the sum of geomorphic knowledge." The journal will appear four times each year in February, April, October and December.

SCIENTIFIC NOTES AND NEWS

DR. WILLIAM LAWRENCE BRAGG, who recently resigned from the Langworthy professorship of physics at the University of Manchester to become director of the British National Physical Laboratory, has been appointed Cavendish professor of experimental physics and director of the Cavendish Laboratory of the University of Cambridge, to succeed the late Lord Rutherford of Nelson. Professor Bragg, with his father, Sir William Bragg, director of the Royal Institution, received a Nobel prize for work on x-rays and crystal structure.

THE Academic Senate of the University of Edinburgh, on the recommendation of the Faculty of Medicine, has awarded the Cameron Prize for 1938 to Dr. Karl Landsteiner, member of the Rockefeller Institute for Medical Research, New York, in recognition of his researches on iso-haemagglutinins and blood groups and for the influence of his discoveries on the practice of therapeutic blood transfusion.

THE fiftieth anniversary of the association of Dr. Witmer Stone, director emeritus of the museum, with the Academy of Natural Sciences of Philadelphia, of which he is now vice-president, occurred on February 27. For twenty-five years he was the editor of *The Auk* and served as chairman of the committee that compiled the check list of North American birds in 1931 for the American Ornithological Union.

DR. GEORGE HOYT WHIPPLE, dean of the School of Medicine and Dentistry of the University of Rochester, has been awarded the Charles Mickle Fellowship of the University of Toronto for his work on pigment metabolism and regeneration of hemoglobin.

A BRONZE bust of Sir Arthur Keith was presented to him on February 14 by his friends and old students. The presentation was made by Sir Cuthbert Wallace at the conclusion of a lecture on "The Prehistoric People of Mount Carmel," delivered by Dr. Keith at the Royal College of Surgeons. The bust is the work of Miss Kathleen Parbury.

THE Duddell Medal of the Physical Society, London, has been awarded to Dr. H. Geiger, professor of physics at the University of Tübingen.

THE Hanbury Medal for 1937 of the Pharmaceutical Society of Great Britain was presented on February 8 to Dr. A. B. Wasičky, professor of pharmacognosy in the Pharmaceutical Institute of the University of Vienna. The lecture given by Dr. Wasičky on this occasion was entitled "Modern Points of View and Methods in Pharmacognosy."

DR. PEYTON ROUS, of the Rockefeller Institute for Medical Research, New York, has been elected a corresponding member of the Academy of Medicine in Paris, in the Division of the Biological Sciences.

M. FRANÇOIS GRANDJEAN has been elected a member of the Academy of Sciences, Paris, in the section of mineralogy, in the place of the late M. H. Douville.

DR. EMIL ABDERHALDEN, professor of physiology at Halle, has been elected a member of the Radio Biological Society of Italy.

THE following officers were elected on February 11 at the meeting of the Royal Astronomical Society, London: *President*, Dr. H. Spencer Jones, Astronomer Royal; *Vice-presidents*, Professor S. Chapman, Professor H. Dingle, Sir Frank Dyson and Professor F. J. M. Stratton; *Treasurer*, J. H. Reynolds; *Secretaries*, Professor W. M. H. Greaves, Professor H. H. Platt; *Foreign Secretary*, Sir Arthur Eddington.

DR. PHILIP B. ARMSTRONG, for twelve years a member of the department of anatomy of Cornell University Medical School, has been appointed professor of anatomy in the College of Medicine, Syracuse University.

THE trustees of Tufts College have established a laboratory for research in sensory psychology and physiology, which will be under the direction of Dr. Leonard Carmichael, who was recently elected president of the college. Bertram Wellman, now research associate in psychology at the University of Rochester, an expert in the application of electrical techniques to psychological and physiological problems, will become assistant director of the laboratory.

PROFESSOR RENÉ LERICHE has been appointed to the